

Search history

Search 1: STAC=(Heel and shoe and anatom* and flexible) (Results 85)

Title: **Shoe**, in particular sport **shoe** or orthopaedic stocking with ankle stabilization

Abstract: Source: US5778563A In a **shoe**, in particular a sports **shoe**, with a reinforcement which partially or entirely encloses the foot below the ankle joints and which extends above the upper ankle joint on one or both sides of the foot, wherein the reinforcement has a stirrup element which at least partially surrounds the foot below the ankle joints and a sleeve element which at least partially surrounds the calf above the upper ankle joint, and wherein the sleeve element is connected with the stirrup element on the inner side of the foot and/or on the outer side of the foot via an articulation in order to transmit at least tractive forces between the stirrup element and the sleeve element, it is proposed that the articulation on the outer side of the foot is arranged so as to be offset toward the front in the longitudinal direction of the **shoe** relative to a center position between the outer malleolus and the inner malleolus of the upper ankle joint and that the articulation on the inner side of the foot is arranged so as to be offset toward the rear in the longitudinal direction of the **shoe** relative to the center position. In this way, reliable protection against injury is achieved along with sufficient mobility. The reinforcement according to the invention can also be used in connection with an orthopedic stocking or the like textile support fabrics for the stabilization of ankle joints.

Classifications:

International (IPC 8-9): A43B5/00 A43B5/04 A43B7/14 A43B7/20 A61F5/01 A61F5/02 (Advanced/Invention); A43B5/04 A61F5/02 (Advanced/Non-invention); A43B5/00 A43B5/04 A43B7/14 A61F5/01 A61F5/02 (Core/Invention)

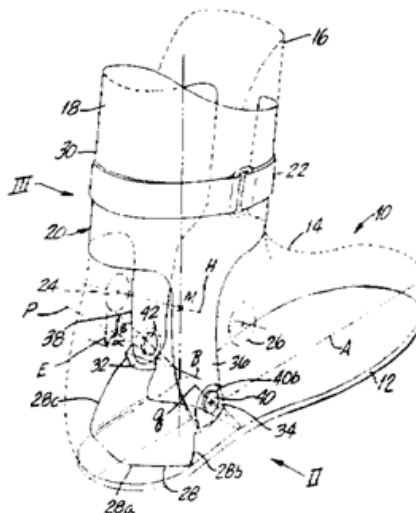
International (IPC 1-7): A43B5/00 A43B5/04 A43B7/14 A43B7/18 A43B7/20 A61F13/00 A61F5/01 A61F5/02 A61F5/04 A61F5/052

CPC: A43B5/00 A43B7/14 A43B7/20 A61F5/0127

European: A43B5/00 A43B7/14 A43B7/20 A61F5/01D5

US: 36/140 36/88 36/880 36/89 602/27 602/65

PatBase - US5778563_A



Family:

Publication number	Publication date	Application number	Application date
AT196407 E	20001015	AT19950909670T	19950203
AT239 U2	19950626	AT19950000063U	19950206
AT239 U3	19951227	AT19950000063U	19950206
AU199518072 A1	19950904	AU19950018072	19950203
AU687522 B2	19980226	AU19950018072	19950203
CA2183370 AA	19960814	CA19952183370	19950203
CA2183370 C	19990914	CA19952183370	19950203
DE29601890 U1	19970619	DE19962001890U	19960205
DE4404911 A1	19950817	DE19944404911	19940216
DE4404911 C2	19971002	DE19944404911	19940216
DE59509579 D1	20011011	DE19955009579	19950203
EP0744906 A1	19961204	EP19950909670	19950203
EP0744906 B1	20000920	EP19950909670	19950203
ES2151049 T3	20001216	ES19950909670T	19950203
JP3308274 B2	20020729	JP19950521542	19950203
JP9511162 T2	19971111	JP19950521542T	19950203
US5778563 A	19980714	US19960698839	19960816
WO9522264 A1	19950824	WO1995EP00396	19950203

Priority:

DE19944404911 19940216 DE19955009579 19950203 WO1995EP00396 19950203

Probable Assignee: AHLBAEUMER GEORG DR MEGGEN CH

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Designated states: AT AU BE CA CH CN DE DK ES FR GB GR IE IT JP LI LU MC NL PT SE US

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AT196407 E	20001015	LSGT	+	granted / extensions (spc, cpc, pte)	

AT239 U2	19950626	LSGT	+	granted / extensions (spc, cpc, pte)	
AT239 U2	19961115	LSLE	-MM9K	LAPSE DUE TO NON-PAYMENT OF RENEWAL FEE	
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CA2183370 AA	19960814	LSNP	+AFNE	NATIONAL PHASE ENTRY	
CA2183370 AA	19961030	LSSES	+EEER	EXAMINATION REQUEST	
CA2183370 AA	20150407	LSLE	-MKEX	EXPIRY	EFFECTIVE DATE : 20150203
CA2183370 C	19990914	LSGT	+	granted / extensions (spc, cpc, pte)	
DE29601890 U1	19970619	LSGT	+	granted / extensions (spc, cpc, pte)	
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DE29601890 U1	19990520	LSGT	+R150	TERM OF PROTECTION EXTENDED TO 6 YEARS	EFFECTIVE DATE : 19990317
DE29601890 U1	20020508	LSGT	+R151	TERM OF PROTECTION EXTENDED TO 8 YEARS	EFFECTIVE DATE : 20020308
DE29601890 U1	20041209	LSLE	-R158	LAPSE OF IP RIGHT AFTER 8 YEARS	EFFECTIVE DATE : 20040901
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DE4404911 A1	19951019	LSSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
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DE4404911 A1	19980402	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE4404911 A1	20140216	LSLE	-R071	EXPIRY OF RIGHT	
DE4404911 C2	19971002	LSGT	+	granted / extensions (spc, cpc, pte)	
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US5778563 A	19980714	LSGT	+	granted / extensions (spc, cpc, pte)	
US5778563 A	19980708	LSGT	PAT1	Patented Case	
US5778563 A	20011231	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5778563 A	20060106	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5778563 A	20100108	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
WO9522264 A1	19950824	LSPB	+	published / reissued	
WO9522264 A1	19960814	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA REF DOCUMENT NUMBER : 2183370 KIND CODE OF REF DOCUMENT : A FORMAT OF REF DOCUMENT (F/P) : F
WO9522264 A1	19960814	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2183370 COUNTRY OF REF DOCUMENT : CA
WO9522264 A1	19960816	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 08698839 COUNTRY OF REF DOCUMENT : US
WO9522264 A1	19960904	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1995909670 COUNTRY OF REF DOCUMENT : EP
WO9522264 A1	19961204	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1995909670 COUNTRY OF REF DOCUMENT : EP
WO9522264 A1	20000920	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1995909670 COUNTRY OF REF DOCUMENT : EP

Title: Comfortable high **heel shoe**

Abstract: Source: US5782015A A high-**heel shoe** design applicable to varying **heel** heights, having a **heel** seat having a substantially neutral or slightly downwardly inclined angle (relative to the shank plane), and an arch support extending forward from the **heel** seat and having a first portion which supports the head of the navicular of the wearer in approximately the same plane (relative to the shank plane) as the wearer's **heel** bones. The **shoe** also includes a shank extending downwardly and forwardly from the first portion of the arch support, and a toe support region which extends at an inclination upwardly and forwardly from the shank whereupon the first metatarsal of the wearer is buttressed by the phalanges of the wearer to prevent forward sliding of the foot of the wearer relative to the **shoe**, thereby preventing jamming of the human digits into the toe portion of the **shoe**, while an increase of about 16 percent or more of the wearer's weight is borne by the **heel** seat, as compared to standard high **heel** dress **shoes**.

Classifications:

International (IPC 8-9): A43B13/12 A43B13/14 A43B13/28 A43B13/38 A43B21/24 A43B23/22 A43B7/14 A43B7/16 A43B7/22 (Advanced/Invention); A43B13/38 A43B7/16 (Advanced/Non-invention); A43B13/02 A43B13/14 A43B13/38 A43B21/00 A43B23/00 A43B7/14 (Core/Invention); A43B13/28 (Core/Non-invention)

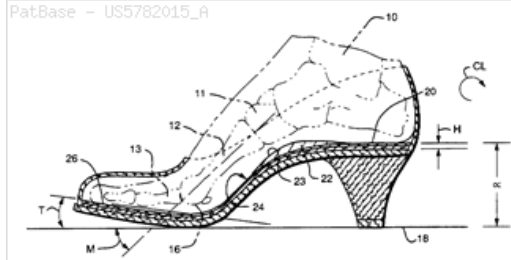
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CPC: A43B13/41 A43B7/14 A43B7/141 A43B7/142 A43B7/1425 A43B7/144 A43B7/223 A43B13/10 A43B13/12 A43B13/14 A43B21/24 A43B23/22

European: A43B13/10 A43B13/12 A43B13/14 A43B13/41 A43B21/24 A43B23/22 A43B7/14 A43B7/14A10 A43B7/14A20A A43B7/14A20B A43B7/14A20H A43B7/22C

US: 36/34R 36/35B 36/35R

PatBase - US5782015_A



Family:

Publication number	Publication date	Application number	Application date
AU199746612 A1	19980424	AU19970046612	19970930
AU732593 B2	20010426	AU19970046612	19970930
BG103304 A	19991230	BG19990103304	19990402
BG105934 A	20020628	BG20010593420	20010921
BG63449 B1	20020228	BG19990103304	19990402
BRPI9711834 A	19990831	BR1997PI11834	19970930
CA2267241 AA	19990331	CA19972267241	19970930
CN1163166 C	20040825	CN19971098520	19970930
CN1232370 A	19991020	CN19971098520	19970930
CN1520761 A	20040818	CN200410002789	19970930
EP0991333 A1	20000412	EP19970945398	19970930
EP0991333 A4	20020130	EP19970945398	19970930
EP1433396 A1	20040630	EP20040101303	19970930
HU0002328 AB	20001128	HU20000002328	19970930
HU0002328 AC	20011128	HU20000002328	19970930
ID21233 A	19990506	ID19990000151	19970930
IL129277 A0	20000217	IL19970129277	19970930
IL129277 A1	20021201	IL19970129277	19970930
JP2001523981 T2	20011127	JP19980516813T	19970930
KR100380261 B1	20030416	KR19997002821	19990401
KR20000048825 A	20000725	KR19997002821	19970930
NZ334835 A	20010126	NZ19970334835	19970930
NZ503017 A	20010928	NZ19970503017	19970930
PL185994 B1	20030930	PL19970332645	19970930
PL332645 A1	19990927	PL19970332645	19970930
RO118110 B	20030228	RO19990000355	19970930
RO118559 B1	20030730	RO20020001255	19970930
TR200003757 T2	20010621	TR20000003757T	19970930
TR9900736 T2	19990721	TR19990000736T	19970930
TW358714 B	19990521	TW19970119896	19971229
US5782015 A	19980721	US19960720719	19961002
VN2795 A1	20020725	VN19990000337	19990429
VN3881 A1	20031225	VN20010001020	19970930
WO9814083 A1	19980409	WO1997US17652	19970930
YU17799 A	20000321	YU19990000177	19970930

Priority:

CA19890589946 19890202	EP19970945398 19970930	NZ19970334835 19970930
US19900559518 19900723	US19890300480 19890123	US19880146338 19880121
US19960720719 19961002	WO1997US17652 19970930	US19940303872 19940909
US19930060700 19930512	US19910794817 19911118	US19970883553 19970626

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Inventor(s): HOWARD J DANANBERG

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; REINHOLD COHN AND PARTNERS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX

Legal status (INPADOC)[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
AU732593 B2	20010823	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
BG103304 A	19991230	LSPB	+	published / reissued	
BG105934 A	20020628	LSPB	+	published / reissued	
BG63449 B1	20020228	LSGT	+	granted / extensions (spc, cpc, pte)	
BRPI9711834 A	19990831	LSPB	+	published / reissued	
BRPI9711834 A	20020528	LSGT	+FF	DECISION: INTENTION TO GRANT	
BRPI9711834 A	20021001	LSGT	+FG9A	PATENT OR CERTIFICATE OF ADDITION GRANTED	
BRPI9711834 A	20090526	LSFE	B24C	PATENT ANNUAL FEE: CALLING FOR RESTORATION	DESCRIPTION : REFERENTE A 9A , 10A E 11A ANUIDADES.
BRPI9711834 A	20151201	LSLE	-B21F	LAPSE ACC. ART. 78, ITEM IV - ON NON-PAYMENT OF THE ANNUAL FEES IN TIME	DESCRIPTION : REFERENTE AS 14A, 15A, 16A, 17A E 18A ANUIDADES. PAGAR RESTAURACAO.
BRPI9711834 A	20160329	LSLE	-B24J	LAPSE BECAUSE OF NON-PAYMENT OF ANNUAL FEES (DEFINITIVELY: ART 78 IV LPI, RESOLUTION 113/2013 ART. 12)	DESCRIPTION : EM VIRTUDE DA EXTINCAO PUBLICADA NA RPI 2343 DE 01-12-2015 E CONSIDERANDO AUSENCIA DE MANIFESTACAO DENTRO DOS PRAZOS LEGAIS, INFORMO QUE CABE SER MANTIDA A EXTINCAO DA PATENTE E SEUS CERTIFICADOS, CONFORME O DISPOSTO NO ARTIGO 12, DA RESOLUCAO 113/2013.
CA2267241 AA	19990331	LSPB	+	published / reissued	
CA2267241 AA	19990331	LSNP	+AFNE	NATIONAL PHASE ENTRY	
CA2267241 AA	20020923	LSSES	+EEER	EXAMINATION REQUEST	
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CN1163166 C	19991020	LSPB	+C06	PUBLICATION	
CN1163166 C	20040825	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
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CN1232370 A	19991020	LSPB	+	published / reissued	
CN1520761 A	20040818	LSPB	+	published / reissued	
CN1520761 A	20040818	LSPB	+C06	PUBLICATION	
CN1520761 A	20060308	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION	

(PATENT LAW 2001)					
EP0991333 A1	20000412	LSPB	+	published / reissued	
EP0991333 A1	20000412	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19990401
EP0991333 A1	20010905	LSRE	RIC1	CLASSIFICATION (CORRECTION)	DESCRIPTION : 7A 43B 7/16 A, 7A 43B 13/38 B, 7A 43B 13/14 B, 7A 43B 21/24 B
EP0991333 A1	20020130	LSES	+A4	DESPATCH OF SUPPLEMENTARY SEARCH REPORT	EFFECTIVE DATE : 20011213
EP0991333 A1	20040317	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 20040202
EP0991333 A1	20050803	LSDW	-18D	DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 20050201
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EP1433396 A1	20040630	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20040330
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IL129277 A0	20030624	LSFE	+KB	PATENT RENEWED	
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IL129277 A1	20021201	LSPB	+	published / reissued	
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GRANT						
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Title: In-line roller skate with internal support and external ankle cuff

Abstract: Source: US2001022434A A roller skate includes an upper 1112, including a substantially non-rigid upper portion 1120 secured to a base 1118. A frame 1114 secured to the base carries a plurality of wheels 1116. The substantially non-rigid upper portion is reinforced by a substantially rigid internal **heel** counter 1134. An ankle support cuff assembly 1110 is pivotally secured to the internal **heel** counter 1134. The ankle support cuff assembly includes a substantially rigid ankle support cuff 1142 that is pivotally secured on lateral and medial sides to the internal **heel** counter. Ankle pad 1144 lines the interior of the ankle support cuff 1142. Ankle support cuff 1142 is fastened by a selectively securable fastener 1148 about the skater's ankle. The ankle support cuff assembly pivots freely in the forward and aft direction relative to the internal **heel** counter 1134.

Classifications:

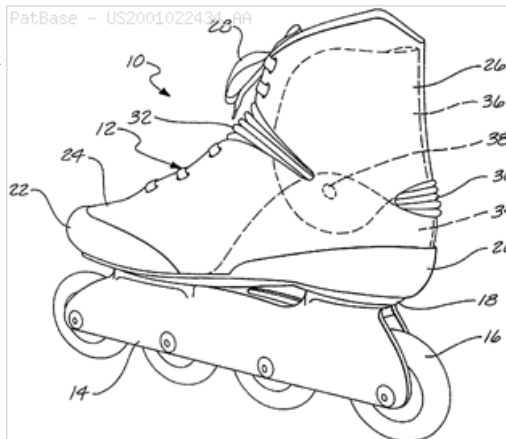
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US: 188/5 28/11.22 280/1.215 280/11.19 280/11.190P 280/11.190S 280/11.2 280/11.202 280/11.208 280/11.208S 280/11.211 280/11.211S 280/11.214 280/11.215 280/11.22 280/11.221 280/11.221P 280/11.231 280/11.231S 280/11.26 280/11.27 280/11.3 280/11.31 280/14.2 280/14.22 280/14.24 280/613 280/617 36/115 36/117.1 36/117.3 36/120 36/45 36/89 D21/773



Family:

Publication number	Publication date	Application number	Application date
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AT218041 E	20020615	AT19970905686T	19970130
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AT324159 E	20060515	AT20010273032T	20011130
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Priority:

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Agent(s): GOWLING LAFLEUR HENDERSON LLP; NAGAI HIROSHI; CHRISTENSEN OCONNOR JOHNSON KINDNESS PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT182277 E	19990815	LSGT	+	granted / extensions (spc, cpc, pte)	
AT216619 E	20020515	LSGT	+	granted / extensions (spc, cpc, pte)	
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CN1487849 A	20040407	LSPB	+	published / reissued	
CN1487849 A	20040407	LSPB	+C06	PUBLICATION	
CN1487849 A	20090923	LSDW	-C20	PATENT RIGHT OR UTILITY MODEL DEEMED TO BE ABANDONED OR IS ABANDONED	
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DE69433979 T2	20050908	LSGT	+	granted / extensions (spc, cpc, pte)	
DE69712205 D1	20021212	LSWD	-8332	NO LEGAL EFFECT FOR DE	
DE69712205 D1	20030102	LSRE	+8370	INDICATION OF LAPSE OF PATENT IS TO BE DELETED	
DE69712205 D1	20030522	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE69712205 D1	20040415	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE69712205 T2	20030313	LSGT	+	granted / extensions (spc, cpc, pte)	
DE69712921 D1	20030626	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE69712921 T2	20021128	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9421940 U1	19970424	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9422133 U1	19980716	LSGT	+	granted / extensions (spc, cpc, pte)	

DE9422262 U1	19991021	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9422299 U1	19991014	LSGT	+	granted / extensions (spc, cpc, pte)	
DK0915725 T3	20020701	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0710141 A1	19960508	LSPB	+	published / reissued	
EP0710141 A1	19960508	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19960111
EP0710141 A1	19960911	LSSES	+A4	DESPATCH OF SUPPLEMENTARY SEARCH REPORT	EFFECTIVE DATE : 19960726
EP0710141 A1	19961016	LSSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19960830
EP0710141 A1	19990730	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP0710141 A1	20010314	LSOP	-26	OPPOSITION FILED	OPPONENT NAME : BENETTON GROUP S.P.A. EFFECTIVE DATE : 20000413
EP0710141 A1	20010314	LSOP	-26	OPPOSITION FILED	OPPONENT NAME : SKIS ROSSIGNOL S.A. EFFECTIVE DATE : 20010119
EP0710141 A1	20020828	LSRE	+27C	TERMINATION OF OPPOSITION PROCEDURE	EFFECTIVE DATE : 20020331
EP0710141 A1	20081128	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20080729 YEAR OF FEE PAYMENT : 15
EP0710141 A1	20091030	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20090717 YEAR OF FEE PAYMENT : 16
EP0710141 A1	20091130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20090729 YEAR OF FEE PAYMENT : 16
EP0710141 A1	20091130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20090728 YEAR OF FEE PAYMENT : 16
EP0710141 A1	20091130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20090702 YEAR OF FEE PAYMENT : 16
EP0710141 A1	20091130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20090727 YEAR OF FEE PAYMENT : 16
EP0710141 A1	20100430	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20090730 YEAR OF FEE PAYMENT : 16
EP0710141 A1	20101029	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20100726 YEAR OF FEE PAYMENT : 17
EP0710141 A1	20101130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20100702 YEAR OF FEE PAYMENT : 17
EP0710141 A1	20101130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20100728 YEAR OF FEE PAYMENT : 17
EP0710141 A1	20101130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20100805 YEAR OF FEE PAYMENT : 17
EP0710141 A1	20101130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20100728 YEAR OF FEE PAYMENT : 17
EP0710141 A1	20101231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20100726 YEAR OF FEE PAYMENT : 17
EP0710141 A1	20110315	LSAS	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PFA OWNER NAME : K-2 CORPORATION

					DESCRIPTION : K-2 CORPORATION#19215 VASHON HIGHWAY SOUTHWEST#VASHON, WASHINGTON 98070 (US) - TRANSFER TO- K-2 CORPORATION#19215 VASHON HIGHWAY SOUTHWEST#VASHON, WASHINGTON 98070 (US)
EP0710141 A1	20111031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20110725 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20111031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20110725 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20111031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20110805 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20111130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20110705 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20111130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20110727 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20111130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20110725 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20111230	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20110727 YEAR OF FEE PAYMENT : 18
EP0710141 A1	20121031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20120725 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20120725 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20120731 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20120727 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20120724 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20120727 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20120731 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20121231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20120724 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20130329	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20120705 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20130329	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20120705 YEAR OF FEE PAYMENT : 19
EP0710141 A1	20131031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20130729 YEAR OF FEE PAYMENT : 20
EP0710141 A1	20131031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20130729 YEAR OF FEE PAYMENT : 20
EP0710141 A1	20131031	LSFE	+PGFP	POSTGRANT: ANNUAL	REF COUNTRY CODE : AT

				FEES PAID TO NATIONAL OFFICE	PAYMENT DATE : 20130703 YEAR OF FEE PAYMENT : 20
EP0710141 A1	20131129	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20130729 YEAR OF FEE PAYMENT : 20
EP0710141 A1	20131129	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20130717 YEAR OF FEE PAYMENT : 20
EP0710141 A1	20131231	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20130724 YEAR OF FEE PAYMENT : 20
EP0710141 A1	20140719	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R071 REF DOCUMENT NUMBER : 69419612 COUNTRY OF REF DOCUMENT : DE
EP0710141 A1	20140731	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP0710141 A1	20140813	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : PE20 EXPIRY DATE : 20140718
EP0710141 A1	20140915	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : AT REF LEGAL EVENT CODE : MK07 REF DOCUMENT NUMBER : 182277 COUNTRY OF REF DOCUMENT : AT KIND CODE OF REF DOCUMENT : T EFFECTIVE DATE : 20140719
EP0710141 A1	20141031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF EXPIRATION OF PROTECTION EFFECTIVE DATE : 20140722
EP0710141 A1	20141128	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GB DESCRIPTION : LAPSE BECAUSE OF EXPIRATION OF PROTECTION EFFECTIVE DATE : 20140718
EP0710141 B1	19990721	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0720500 A1	19960710	LSPB	+	published / reissued	
EP0720500 A1	19960710	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19960326
EP0720500 A1	19980812	LSES	+A4	DESPATCH OF SUPPLEMENTARY SEARCH REPORT	
EP0720500 A1	19991013	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19990827
EP0720500 A1	20040901	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : BE DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20040901
EP0720500 A1	20040901	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : NL DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20040901
EP0720500 A1	20040901	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : FG4D
EP0720500 A1	20040915	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP0720500 A1	20040927	LSLE	-PG25	LAPSED IN A	REF COUNTRY CODE : LU

				CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20040927
EP0720500 A1	20040927	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20040927
EP0720500 A1	20040930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : MC DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20040930
EP0720500 A1	20041006	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D
EP0720500 A1	20041201	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GB DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20041201
EP0720500 A1	20041201	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GR DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20041201
EP0720500 A1	20041201	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DK DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20041201
EP0720500 A1	20041201	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : SE DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20041201
EP0720500 A1	20041212	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : ES DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20041212
EP0720500 A1	20050301	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	
EP0720500 A1	20050629	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : MM4A
EP0720500 A1	20050720	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON- PAYMENT OF RENEWAL FEE	EFFECTIVE DATE : 20041201
EP0720500 A1	20050824	LSGT	+26N	NO OPPOSITION FILED	EFFECTIVE DATE : 20050602
EP0720500 A1	20080102	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : PT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20050201
EP0720500 A1	20080131	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20070927 YEAR OF FEE PAYMENT : 14
EP0720500 A1	20081128	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20080902 YEAR OF FEE PAYMENT : 15

EP0720500 A1	20081128	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20080917 YEAR OF FEE PAYMENT : 15
EP0720500 A1	20090130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20081031 YEAR OF FEE PAYMENT : 15
EP0720500 A1	20090130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20081031 YEAR OF FEE PAYMENT : 15
EP0720500 A1	20090831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20080927
EP0720500 A1	20091130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20090925 YEAR OF FEE PAYMENT : 16
EP0720500 A1	20100129	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20090929 YEAR OF FEE PAYMENT : 16
EP0720500 A1	20100630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : AT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20090927
EP0720500 A1	20101029	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20100930 YEAR OF FEE PAYMENT : 17
EP0720500 A1	20101130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20100930 YEAR OF FEE PAYMENT : 17
EP0720500 A1	20110228	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20100929 YEAR OF FEE PAYMENT : 17
EP0720500 A1	20111031	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20110926 YEAR OF FEE PAYMENT : 18
EP0720500 A1	20111130	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20111005 YEAR OF FEE PAYMENT : 18
EP0720500 A1	20130131	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20120927 YEAR OF FEE PAYMENT : 19
EP0720500 A1	20130628	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST EFFECTIVE DATE : 20130531
EP0720500 A1	20130830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FR DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20121001
EP0720500 A1	20140430	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP0720500 A1	20140703	LSDW	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R119 REF DOCUMENT NUMBER : 69433979 COUNTRY OF REF DOCUMENT : DE EFFECTIVE DATE : 20140401
EP0720500 A1	20140731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CH DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20130930
EP0720500 A1	20140731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LI DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20130930

EP0720500 A1	20140829	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20140401
EP0720500 B1	20040901	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0915725 A1	19990519	LSPB	+	published / reissued	
EP0915725 A1	19990519	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19981218
EP0915725 A1	20000209	LSSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19991227
EP0915725 A1	20020424	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GR DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20020424
EP0915725 A1	20020424	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : FG4D
EP0915725 A1	20020430	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP0915725 A1	20020530	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20020530 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : SE PAYMENT DATE : 20020531 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 20020531 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020603	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DK PAYMENT DATE : 20020603 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020603	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : MC PAYMENT DATE : 20020603 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020603	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 20020603 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020603	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FI PAYMENT DATE : 20020603 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020610	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : NL PAYMENT DATE : 20020610 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020612	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : LU PAYMENT DATE : 20020612 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020612	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20020612 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020612	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D
EP0915725 A1	20020620	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20020620 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020627	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IE PAYMENT DATE : 20020627 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020628	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : PT PAYMENT DATE : 20020628 YEAR OF FEE PAYMENT : 06

EP0915725 A1	20020709	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : BE PAYMENT DATE : 20020709 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20020710	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : ES PAYMENT DATE : 20020710 YEAR OF FEE PAYMENT : 06
EP0915725 A1	20021116	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FG2A REF DOCUMENT NUMBER : 2175436 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : T3 FORMAT OF REF DOCUMENT (F/P) : P
EP0915725 A1	20030416	LSGT	+26N	NO OPPOSITION FILED	EFFECTIVE DATE : 20030127
EP0915725 A1	20030618	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LU DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030618
EP0915725 A1	20030618	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030618
EP0915725 A1	20030618	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GB DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030618
EP0915725 A1	20030618	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FI DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030618
EP0915725 A1	20030618	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : AT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030618
EP0915725 A1	20030619	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : ES DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030619
EP0915725 A1	20030619	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : SE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030619
EP0915725 A1	20030630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LI DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030630
EP0915725 A1	20030630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : MC DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030630
EP0915725 A1	20030630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DK DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030630
EP0915725 A1	20030630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CH DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030630
EP0915725 A1	20030630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : BE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030630

EP0915725 A1	20031231	LSLE	-BERE	BE: LAPSED	OWNER NAME : *K-2 CORP. EFFECTIVE DATE : 20030630
EP0915725 A1	20031231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : PT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20031231
EP0915725 A1	20040101	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : NL DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20040101
EP0915725 A1	20040101	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20040101
EP0915725 A1	20040202	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DK REF LEGAL EVENT CODE : EBP
EP0915725 A1	20040203	LSLE	-EUG	SE: EUROPEAN PATENT HAS LAPSED	
EP0915725 A1	20040204	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	EFFECTIVE DATE : 20030618
EP0915725 A1	20040213	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP0915725 A1	20040227	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FR DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20040227
EP0915725 A1	20040301	LSLE	-NLV4	NL: LAPSED OR ANULLED DUE TO NON-PAYMENT OF THE ANNUAL FEE	EFFECTIVE DATE : 20040101
EP0915725 A1	20040331	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : PT REF LEGAL EVENT CODE : MM4A DESCRIPTION : LAPSE DUE TO NON-PAYMENT OF FEES EFFECTIVE DATE : 20031231
EP0915725 A1	20040402	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST
EP0915725 A1	20040407	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : MM4A
EP0915725 A1	20040916	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FD2A EFFECTIVE DATE : 20030619
EP0915725 A1	20050618	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20050618
EP0915725 B1	20020424	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0959702 A1	19991201	LSPB	+	published / reissued	
EP0959702 A1	19991201	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19980813
EP0959702 A1	20001004	LSSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 20000818
EP0959702 A1	20020529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CH DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20020529
EP0959702 A1	20020529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA	REF COUNTRY CODE : AT DESCRIPTION : LAPSE BECAUSE OF FAILURE TO

				POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20020529
EP0959702 A1	20020529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LI DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20020529
EP0959702 A1	20020531	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP0959702 A1	20021129	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP0959702 A1	20030521	LSGT	+26N	NO OPPOSITION FILED	EFFECTIVE DATE : 20030303
EP0959702 A1	20090529	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20090302 YEAR OF FEE PAYMENT : 13
EP0959702 A1	20090831	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : IT PAYMENT DATE : 20090128 YEAR OF FEE PAYMENT : 13
EP0959702 A1	20091030	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20090119 YEAR OF FEE PAYMENT : 13
EP0959702 A1	20100630	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20100127 YEAR OF FEE PAYMENT : 14
EP0959702 A1	20101022	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST EFFECTIVE DATE : 20100930
EP0959702 A1	20101029	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FR DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20100201
EP0959702 A1	20110331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20100130
EP0959702 A1	20110531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20110127 YEAR OF FEE PAYMENT : 15
EP0959702 A1	20120531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20120127 YEAR OF FEE PAYMENT : 16
EP0959702 A1	20130430	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20130129 YEAR OF FEE PAYMENT : 17
EP0959702 A1	20130430	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20130129 YEAR OF FEE PAYMENT : 17
EP0959702 A1	20140430	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20140129 YEAR OF FEE PAYMENT : 18
EP0959702 A1	20150801	LSDW	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R119 REF DOCUMENT NUMBER : 69712921 COUNTRY OF REF DOCUMENT : DE
EP0959702 A1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20150801

EP0959702 B1	20020529	LSGT	+	granted / extensions (spc, cpc, pte)	
EP1142496 A2	20011010	LSPB	+	published / reissued	
EP1142496 A2	20020116	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20011119
EP1142496 A2	20020717	LSFE	+AKX	PAYMENT OF DESIGNATION FEES	DESCRIPTION : AT CH DE FR IT LI
EP1142496 A2	20030305	LSDW	-18D	DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 20020801
EP1355703 A2	20031029	LSPB	+	published / reissued	
EP1355703 A2	20031029	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20030723
EP1355703 A2	20050413	LSSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 20050224
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : BE DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : NL DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LI DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IT DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FI DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CH DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : AT DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20060426	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : FG4D
EP1355703 A2	20060531	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D
EP1355703 A2	20060726	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DK DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE

EP1355703 A2	20060726	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	PREScribed TIME-LIMIT EFFECTIVE DATE : 20060726 REF COUNTRY CODE : SE DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PREScribed TIME-LIMIT EFFECTIVE DATE : 20060726
EP1355703 A2	20060806	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : ES DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PREScribed TIME-LIMIT EFFECTIVE DATE : 20060806
EP1355703 A2	20060926	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : PT DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PREScribed TIME-LIMIT EFFECTIVE DATE : 20060926
EP1355703 A2	20061031	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP1355703 A2	20061101	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	
EP1355703 A2	20061117	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20061117 YEAR OF FEE PAYMENT : 06
EP1355703 A2	20061130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : MC DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20061130
EP1355703 A2	20061130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : IE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20061130
EP1355703 A2	20070102	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20070102 YEAR OF FEE PAYMENT : 06
EP1355703 A2	20070125	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20070125 YEAR OF FEE PAYMENT : 06
EP1355703 A2	20070214	LSAS	RAP2	TRANSFER OF RIGHTS OF AN EP GRANTED PATENT	OWNER NAME : K-2 CORPORATION
EP1355703 A2	20070404	LSGT	+26N	NO OPPOSITION FILED	EFFECTIVE DATE : 20070129
EP1355703 A2	20080430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GR DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PREScribed TIME-LIMIT EFFECTIVE DATE : 20060727
EP1355703 A2	20080723	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	EFFECTIVE DATE : 20071130
EP1355703 A2	20080829	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LU DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20061130
EP1355703 A2	20080829	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : TR DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE

					PREScribed TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20081031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20080603
EP1355703 A2	20081114	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST EFFECTIVE DATE : 20080930
EP1355703 A2	20081231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CY DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PREScribed TIME-LIMIT EFFECTIVE DATE : 20060426
EP1355703 A2	20081231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GB DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20071130
EP1355703 A2	20090430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FR DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20071130
EP1355703 B1	20060426	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2175436 T3	20021116	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2175436 T3	20021116	LSGT	+FG2A	DEFINITIVE PROTECTION	REF DOCUMENT NUMBER : 915725 COUNTRY OF REF DOCUMENT : ES
JP2003062147 A2	20030304	LSPB	+	published / reissued	
JP3361811 B2	20030107	LSGT	+	granted / extensions (spc, cpc, pte)	
JP3361811 B2	20051108	LSFE	+R250	RECEIPT OF ANNUAL FEES	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R250
JP3361811 B2	20071106	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20081018 YEAR OF FEE PAYMENT : 6
JP3361811 B2	20081104	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20091018 YEAR OF FEE PAYMENT : 7
JP3361811 B2	20091020	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20101018 YEAR OF FEE PAYMENT : 8
JP3361811 B2	20101007	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20101018 YEAR OF FEE PAYMENT : 8
JP3361811 B2	20101012	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20111018 YEAR OF FEE PAYMENT : 9
JP3361811 B2	20101012	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20111018 YEAR OF FEE PAYMENT : 9
JP3361811 B2	20111018	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20121018 YEAR OF FEE PAYMENT : 10
JP3361811 B2	20111018	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20121018 YEAR OF FEE PAYMENT : 10
JP3361811 B2	20121023	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20131018 YEAR OF FEE PAYMENT : 11
JP3361811 B2	20131018	LSLE	-LAPS	CANCELLATION BECAUSE OF NO	

				PAYMENT OF ANNUAL FEES	
JP3801965 B2	20060726	LSGT	+	granted / extensions (spc, cpc, pte)	
JP3801965 B2	20060726	LSGT	+	granted / extensions (spc, cpc, pte)	
JP3801965 B2	20050509	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20050506
JP3801965 B2	20050509	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20050506
JP3801965 B2	20051108	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20051107
JP3801965 B2	20051108	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20051107
JP3801965 B2	20060110	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20060106
JP3801965 B2	20060110	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20060106
JP3801965 B2	20060301	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20060228
JP3801965 B2	20060301	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20060228
JP3801965 B2	20060328	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP3801965 B2	20060328	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP3801965 B2	20060403	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A01 EFFECTIVE DATE : 20060331
JP3801965 B2	20060403	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A01 EFFECTIVE DATE : 20060331
JP3801965 B2	20060511	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A61 EFFECTIVE DATE : 20060426
JP3801965 B2	20060511	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A61 EFFECTIVE DATE : 20060426
JP3801965 B2	20060512	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R150
JP3801965 B2	20060512	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R150
JP3801965 B2	20090507	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20090512 YEAR OF FEE PAYMENT : 3
JP3801965 B2	20090507	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20090512 YEAR OF FEE PAYMENT : 3
JP3801965 B2	20090512	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20100512 YEAR OF FEE PAYMENT : 4
JP3801965 B2	20090512	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20100512 YEAR OF FEE PAYMENT : 4

JP3801965 B2	20100511	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20110512 YEAR OF FEE PAYMENT : 5
JP3801965 B2	20100511	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20110512 YEAR OF FEE PAYMENT : 5
JP3801965 B2	20110428	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20110512 YEAR OF FEE PAYMENT : 5
JP3801965 B2	20110428	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20110512 YEAR OF FEE PAYMENT : 5
JP3801965 B2	20110510	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20120512 YEAR OF FEE PAYMENT : 6
JP3801965 B2	20110510	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20120512 YEAR OF FEE PAYMENT : 6
JP3801965 B2	20120426	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20120512 YEAR OF FEE PAYMENT : 6
JP3801965 B2	20120426	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20120512 YEAR OF FEE PAYMENT : 6
JP3801965 B2	20120508	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20130512 YEAR OF FEE PAYMENT : 7
JP3801965 B2	20120508	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20130512 YEAR OF FEE PAYMENT : 7
JP3801965 B2	20130430	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20140512 YEAR OF FEE PAYMENT : 8
JP3801965 B2	20130430	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	DESCRIPTION : PAYMENT UNTIL: 20140512 YEAR OF FEE PAYMENT : 8
JP3801965 B2	20140430	LSFE	+R250	RECEIPT OF ANNUAL FEES	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R250
JP3801965 B2	20140430	LSFE	+R250	RECEIPT OF ANNUAL FEES	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R250
JP3801965 B2	20140927	LSLE	-EXPY	CANCELLATION BECAUSE OF COMPLETION OF TERM	
JP3801965 B2	20140927	LSLE	-EXPY	CANCELLATION BECAUSE OF COMPLETION OF TERM	
JP9500306 T2	19970114	LSPB	+	published / reissued	
JP9500306 T2	20040805	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20040713
JP9500306 T2	20040928	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20040928
JP9500306 T2	20050414	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20050328
JP9500306 T2	20051004	LSRV	-A02	DECISION OF REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A02 EFFECTIVE DATE : 20051004
JP9504192 T2	19970428	LSPB	+	published / reissued	
KR0130815 B1	19980410	LSGT	+	granted / extensions (spc, cpc, pte)	
KR0130815 B1	19930831	LSES	A201	REQUEST FOR EXAMINATION	
KR0130815 B1	19970328	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	

KR0130815 B1	19970901	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF PATENT RIGHT	
KR0130815 B1	19971122	LSGT	+GRNT	WRITTEN DECISION TO GRANT	
KR0130815 B1	20121105	LSFE	FPAY	ANNUAL FEE PAYMENT	PAYMENT DATE : 20121106 YEAR OF FEE PAYMENT : 16
KR0130815 B1	20130901	LSLE	-EXPY	EXPIRATION OF TERM	
KR100260602 B1	20000701	LSGT	+	granted / extensions (spc, cpc, pte)	
KR19950002812 A	19950216	LSPB	+	published / reissued	
KR19960704602 A	19961009	LSPB	+	published / reissued	
KR19967004602 A	19961009	LSPB	+	published / reissued	
KR20030071794 A	20030906	LSPB	+	published / reissued	
KR20030071794 A	20040226	LSES	A201	REQUEST FOR EXAMINATION	
KR20030071794 A	20051121	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	
KR20030071794 A	20060914	LSRV	-E601	DECISION TO REFUSE APPLICATION	
PT915725 T	20020830	LSGT	+	granted / extensions (spc, cpc, pte)	
US2001022434 AA	20010920	LSPB	+	published / reissued	
US2001022434 AA	20010423	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:SAUTER, THOMAS M.; MEIBOCK, ANTONIN A.; SVENSSON, JOHN .E; REEL/FRAME:011757/0004; SIGNING DATES FROM 20010131 TO 20010202
US2001022434 AA	20040223	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2001026053 AA	20011004	LSPB	+	published / reissued	
US2002089131 AA	20020711	LSPB	+	published / reissued	
US2003025286 AA	20030206	LSPB	+	published / reissued	
US2003193152 AA	20031016	LSPB	+	published / reissued	
US2004007836 AA	20040115	LSPB	+	published / reissued	
US2004007836 AA	20050926	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2004207164 AA	20041021	LSPB	+	published / reissued	
US2004207164 AA	20060417	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2005280222 AA	20051222	LSPB	+	published / reissued	
US2005280222 AA	20070904	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US5437466 A	19950801	LSGT	+	granted / extensions (spc, cpc, pte)	
US5437466 A	19930830	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:006700/0376 EFFECTIVE DATE : 19930826
US5437466 A	19950720	LSGT	PAT1	Patented Case	
US5437466 A	19961119	LSRX	+RR	REQUEST FOR REEXAMINATION FILED	EFFECTIVE DATE : 19961016
US5437466 A	19971118	LSRX	+B1	REEXAMINATION CERTIFICATE FIRST REEXAMINATION	
US5437466 A	19980421	LSRX	CCB	CERTIFICATE OF CORRECTION FOR REEXAMINATION	

US5437466 A	19990201	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5437466 A	20030131	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5437466 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5437466 A	20070201	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5437466 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5452907 A	19950926	LSGT	+	granted / extensions (spc, cpc, pte)	
US5452907 A	19940114	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:006935/0487; SIGNING DATES FROM 19931215 TO 19931216
US5452907 A	19950914	LSGT	PAT1	Patented Case	
US5452907 A	19960116	LSRE	CC	CERTIFICATE OF CORRECTION	
US5452907 A	19980928	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5452907 A	20021230	LSAS	AS	ASSIGNMENT	OWNER NAME : V-FORMATION, INC., NEW JERSEY DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:013616/0136 EFFECTIVE DATE : 20021210
US5452907 A	20030325	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5452907 A	20070326	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5470085 A	19951128	LSGT	+	granted / extensions (spc, cpc, pte)	
US5470085 A	19940328	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:006911/0513 EFFECTIVE DATE : 19940208
US5470085 A	19951116	LSGT	PAT1	Patented Case	
US5470085 A	19960305	LSRE	CC	CERTIFICATE OF CORRECTION	
US5470085 A	19990518	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5470085 A	20030527	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5470085 A	20070529	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5505477 A	19960409	LSGT	+	granted / extensions (spc, cpc, pte)	
US5505477 A	19940816	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON

					DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:TURNER, BRENT H.; SVENSSON, JOHN E.; REEL/FRAME:007116/0048; SIGNING DATES FROM 19940810 TO 19940811
US5505477 A	19960328	LSGT	PAT1	Patented Case	
US5505477 A	19990929	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5505477 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5505477 A	20031009	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5505477 A	20071009	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5505477 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5549310 A	19960827	LSGT	+	granted / extensions (spc, cpc, pte)	
US5549310 A	19940110	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:006896/0627; SIGNING DATES FROM 19931221 TO 19931228
US5549310 A	19961210	LSRE	CC	CERTIFICATE OF CORRECTION	
US5549310 A	19990908	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5549310 A	20021230	LSAS	AS	ASSIGNMENT	OWNER NAME : V-FORMATION, INC., NEW JERSEY DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:013616/0136 EFFECTIVE DATE : 20021210
US5549310 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5549310 A	20040227	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5549310 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5549310 A	20080827	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5549310 A	20080922	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5549310 A	20081014	LSLE	-FP	EXPIRED DUE TO	EFFECTIVE DATE : 20080827

				FAILURE TO PAY MAINTENANCE FEE	
US5690350 A	19971125	LSGT	+	granted / extensions (spc, cpc, pte)	
US5690350 A	19980317	LSRE	CC	CERTIFICATE OF CORRECTION	
US5690350 A	20010524	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5690350 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5690350 A	20050525	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5690350 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5690350 A	20091125	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5690350 A	20091221	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5690350 A	20100112	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20091125
US5802741 A	19980908	LSGT	+	granted / extensions (spc, cpc, pte)	
US5802741 A	19940321	LSAS	AS	ASSIGNMENT	OWNER NAME : K 2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:MELBOCK, ANTONIN A.; REEL/FRAME:008263/0491 EFFECTIVE DATE : 19940316
US5802741 A	19960321	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:TURNER, BRENT H.; MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:008230/0789; SIGNING DATES FROM 19931018 TO 19940316
US5802741 A	19960321	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:TURNER, BRENT H.; MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:008230/0809; SIGNING DATES FROM 19931018 TO 19940316
US5802741 A	19980903	LSGT	PAT1	Patented Case	
US5802741 A	19990202	LSRE	CC	CERTIFICATE OF CORRECTION	
US5802741 A	20020307	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5802741 A	20060308	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5802741 A	20100308	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5848796 A	19981215	LSGT	+	granted / extensions (spc, cpc, pte)	
US5848796 A	19981112	LSGT	PAT1	Patented Case	

US5848796 A	20001003	LSRE	CC	CERTIFICATE OF CORRECTION	
US5848796 A	20020614	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5848796 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5848796 A	20060615	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5848796 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5848796 A	20100615	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5906058 A	19990525	LSGT	+	granted / extensions (spc, cpc, pte)	
US5906058 A	19960423	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:RENCH, CHRIS J.; SVENSSON, JOHN E.; REEL/FRAME:007952/0829 EFFECTIVE DATE : 19960410
US5906058 A	19991101	LSGT	PAT1	Patented Case	
US5906058 A	19991123	LSRE	CC	CERTIFICATE OF CORRECTION	
US5906058 A	20021122	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5906058 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5906058 A	20061127	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5906058 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5906058 A	20101124	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US5915720 A	19990629	LSGT	+	granted / extensions (spc, cpc, pte)	
US5915720 A	19990621	LSGT	PAT1	Patented Case	
US5915720 A	20000801	LSRE	CC	CERTIFICATE OF CORRECTION	
US5915720 A	20021227	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5915720 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US5915720 A	20061229	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5915720 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION,

					WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US5915720 A	20101229	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US6139030 A	20001031	LSGT	+	granted / extensions (spc, cpc, pte)	
US6139030 A	20001012	LSGT	PAT1	Patented Case	
US6139030 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US6139030 A	20040430	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6139030 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US6139030 A	20080430	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6139030 A	20120430	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US6152459 A	20001128	LSGT	+	granted / extensions (spc, cpc, pte)	
US6152459 A	20001109	LSGT	PAT1	Patented Case	
US6152459 A	20011002	LSRE	CC	CERTIFICATE OF CORRECTION	
US6152459 A	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US6152459 A	20040528	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6152459 A	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US6152459 A	20080528	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6152459 A	20120529	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US6168172 BA	20010102	LSGT	+	granted / extensions (spc, cpc, pte)	
US6168172 BA	19960906	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:MEIBOCK, ANTONIN A.; SVENSSON, JOHN E.; REEL/FRAME:008156/0280 EFFECTIVE DATE : 19960829
US6168172 BA	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2

					CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US6168172 BA	20040702	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6168172 BA	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US6168172 BA	20090102	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6168172 BA	20090224	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20090102
US6168183 BA	20010102	LSGT	+	granted / extensions (spc, cpc, pte)	
US6168183 BA	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US6168183 BA	20040702	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6168183 BA	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US6168183 BA	20080702	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6168183 BA	20120702	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US6254110 BA	20010703	LSGT	+	granted / extensions (spc, cpc, pte)	
US6254110 BA	20010614	LSGT	PAT1	Patented Case	
US6254110 BA	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US6254110 BA	20050103	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6254110 BA	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US6254110 BA	20090105	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6254110 BA	20130103	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US6270109 BA	20010807	LSGT	+	granted / extensions (spc, cpc, pte)	
US6270109 BA	20010719	LSGT	PAT1	Patented Case	
US6270109 BA	20020430	LSRE	CC	CERTIFICATE OF CORRECTION	
US6270109 BA	20030513	LSAS	AS	ASSIGNMENT	OWNER NAME : BANK ONE, NA, TEXAS DESCRIPTION : SECURITY

					INTEREST; ASSIGNOR:K-2 CORPORATION; REEL/FRAME:014051/0961 EFFECTIVE DATE : 20030325
US6270109 BA	20050207	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
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US6270109 BA	20090209	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6270109 BA	20130207	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12
US6367818 BB	20020409	LSGT	+	granted / extensions (spc, cpc, pte)	
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US6367818 BB	20071221	LSAS	AS	ASSIGNMENT	OWNER NAME : K-2 CORPORATION, WASHINGTON DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:JP MORGAN CHASE BANK , N.A.(AS SUCCESSOR INTEREST TO BANK ONE); REEL/FRAME:020279/0599 EFFECTIVE DATE : 20071211
US6367818 BB	20091009	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6367818 BB	20140409	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6367818 BB	20140505	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6367818 BB	20140527	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20140409
US6499748 BB	20021231	LSGT	+	granted / extensions (spc, cpc, pte)	
US6499748 BB	20060630	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6499748 BB	20100630	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6499748 BB	20141231	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6499748 BB	20150126	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6499748 BB	20150217	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20141231
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US6598888 BB	20070129	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6598888 BB	20110131	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6598888 BB	20150729	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6598888 BB	20150824	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	

US6598888 BB	20150915	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20150729
US6749203 BB	20040615	LSGT	+	granted / extensions (spc, cpc, pte)	
US6749203 BB	20041116	LSRE	CC	CERTIFICATE OF CORRECTION	
US6749203 BB	20071217	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6749203 BB	20111215	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6749203 BB	20160615	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6749203 BB	20160711	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6749203 BB	20160802	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20160615
WO02053242 A2	20020711	LSPB	+	published / reissued	
WO02053242 A3	20030701	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1020037008929 COUNTRY OF REF DOCUMENT : KR
WO02053242 A3	20030702	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2433571 COUNTRY OF REF DOCUMENT : CA
WO02053242 A3	20030723	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2001273032 COUNTRY OF REF DOCUMENT : EP
WO02053242 A3	20030731	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 018222285 COUNTRY OF REF DOCUMENT : CN
WO02053242 A3	20030906	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1020037008929 COUNTRY OF REF DOCUMENT : KR
WO02053242 A3	20031029	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2001273032 COUNTRY OF REF DOCUMENT : EP
WO02053242 A3	20060117	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : JP
WO02053242 A3	20060117	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : JP
WO02053242 A3	20060426	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2001273032 COUNTRY OF REF DOCUMENT : EP
WO9503101 A1	19950202	LSPB	+	published / reissued	
WO9503101 A1	19960103	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA REF DOCUMENT NUMBER : 2166540 KIND CODE OF REF DOCUMENT : A FORMAT OF REF DOCUMENT (F/P) : F
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WO9503101 A1	19960111	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1994923975 COUNTRY OF REF DOCUMENT : EP
WO9503101 A1	19960508	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1994923975 COUNTRY OF REF DOCUMENT : EP
WO9503101 A1	19960509	LSWD	REG	REFERENCE TO	REF COUNTRY CODE : DE

				NATIONAL CODE	REF LEGAL EVENT CODE : 8642
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WO9503861 A1	19950209	LSPB	+	published / reissued	
WO9503861 A1	19960523	LSWD	REG	REFERENCE TO NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : 8642
WO9503861 A1	19970402	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA
WO9509035 A1	19950406	LSPB	+	published / reissued	
WO9509035 A1	19960314	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA REF DOCUMENT NUMBER : 2171858 KIND CODE OF REF DOCUMENT : A FORMAT OF REF DOCUMENT (F/P) : F
WO9509035 A1	19960314	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2171858 COUNTRY OF REF DOCUMENT : CA
WO9509035 A1	19960326	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1994929909 COUNTRY OF REF DOCUMENT : EP
WO9509035 A1	19960710	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1994929909 COUNTRY OF REF DOCUMENT : EP
WO9509035 A1	19960718	LSWD	REG	REFERENCE TO NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : 8642
WO9509035 A1	20040901	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1994929909 COUNTRY OF REF DOCUMENT : EP
WO9727773 A1	19970807	LSPB	+	published / reissued	
WO9727773 A1	19980813	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1997905686 COUNTRY OF REF DOCUMENT : EP
WO9727773 A1	19981203	LSWD	REG	REFERENCE TO NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : 8642
WO9727773 A1	19981204	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : JP REF DOCUMENT NUMBER : 97527834 FORMAT OF REF DOCUMENT (F/P) : F
WO9727773 A1	19991201	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1997905686 COUNTRY OF REF DOCUMENT : EP
WO9727773 A1	20020529	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1997905686 COUNTRY OF REF DOCUMENT : EP
WO9748458 A1	19971224	LSPB	+	published / reissued	
WO9748458 A1	19981218	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1997931253 COUNTRY OF REF DOCUMENT : EP
WO9748458 A1	19990305	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : JP REF DOCUMENT NUMBER : 98503311 FORMAT OF REF DOCUMENT (F/P) : F
WO9748458 A1	19990422	LSWD	REG	REFERENCE TO	REF COUNTRY CODE : DE

				NATIONAL CODE	REF LEGAL EVENT CODE : 8642
WO9748458 A1	19990519	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1997931253 COUNTRY OF REF DOCUMENT : EP
WO9748458 A1	19991221	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA
WO9748458 A1	20020424	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1997931253 COUNTRY OF REF DOCUMENT : EP

Title: CANINE FOOTWEAR

Abstract: Source: US2005188925A A dog shoe that is configured to be worn by a dog comprises a rubberized sole sized for a foot of a dog. The rubberized sole has an exterior portion and an upper portion opposite the exterior portion. The rubberized sole further includes a heel portion and a toe portion. The heel portion is raised in relation to the toe portion. The dog shoe further comprises a shoe wall that comprises a flexible material and that is coupled to at least a perimeter portion of the upper portion of the rubberized sole. The shoe wall includes an elongate opening along an upper portion thereof. The dog shoe further comprises a zipper that is mounted on opposite sides of the elongate opening in the upper portion of the shoe wall, the zipper is also configured to open and close an adjustable ankle opening in the upper portion of the shoe wall. The dog shoe further comprises an elastic ankle cinch that is mounted to the upper portion of the shoe wall. The elastic cinch is configured to cinch open and close the adjustable ankle opening.

Classifications:

International (IPC 8-9): A01K13/00 A01K29/00 A43B3/00

A43C11/00 B68C5/00 (Advanced/Invention);

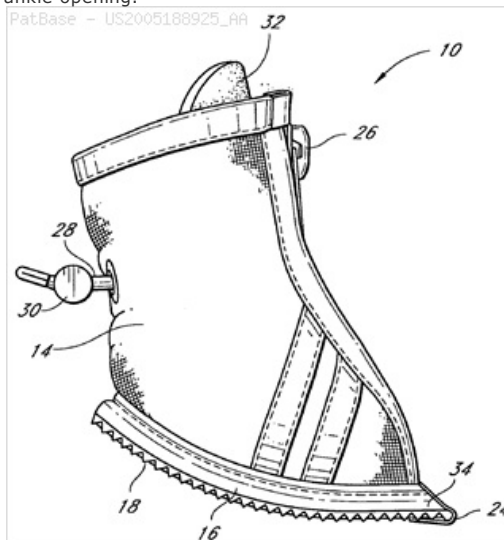
A01K29/00 A43B3/00 (Advanced/Non-invention)

International (IPC 1-7): A43C11/00 B68C5/00

CPC: A01K13/007 A43C11/00 A43B3/00

European: A01K13/00H1 A43B3/00 A43C11/00

US: 119/850 36/111 36/111P 54/82 54/82S



Family:

Publication number	Publication date	Application number	Application date
CN1726768 A	20060201	CN200510084341	20050719
EP1747720 A1	20070131	EP20060253879	20060725
HK1086449 A3	20060922	HK20060106420	20060605
KR20060092830 A	20060823	KR20050065353	20050719
US2005188925 AA	20050901	US20050095927	20050331
US2005241188 AA	20051103	US20050189270	20050726

Priority:

US20040589506P 20040719 US20050095927 20050331 US20050189270 20050726

Probable Assignee: INAFICTION USA INC

Assignee(s): (std): ENAFICSEN AMERICEN INC ; INAFICTION U S A INC ; YUN YEU H ; YNOSTROZA JOHN C

Assignee(s): INAFICTION USA INC ; INAFICTION USA ; INAFICTION U S A

Inventor(s): (std): YUN YEU H YNOSTROZA JOHN C ; YUN YEU HOON ; YNOSTROZA JOHN CARLOS ; YUN YEU H ; YNOSTROZA JOHN C ; JOHN CARLOS YNOSTROZA

Inventor(s): YNOSTROZA JOHN ; YUN YEU

Agent(s): KNOBBE MARTENS OLSON AND BEAR LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN1726768 A	20060201	LSPB	+	published / reissued	
CN1726768 A	20060201	LSPB	+C06	PUBLICATION	
CN1726768 A	20080409	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION (PATENT LAW 2001)	
CN1726768 A	20130215	LSWD	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : HK REF LEGAL EVENT CODE : WD REF DOCUMENT NUMBER : 1086449 COUNTRY OF REF DOCUMENT : HK
EP1747720 A1	20070131	LSPB	+	published / reissued	

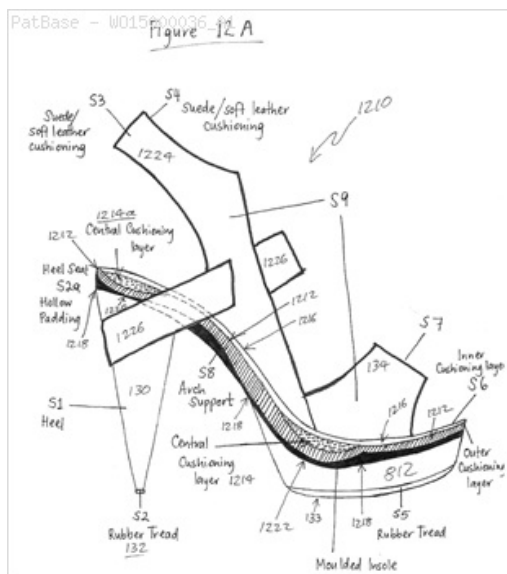
EP1747720 A1	20071003	LSFE	+AKX	PAYMENT OF DESIGNATION FEES	
EP1747720 A1	20080227	LSDW	-18D	DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 20070801
HK1086449 A3	20060922	LSPB	+	published / reissued	
KR20060092830 A	20060823	LSPB	+	published / reissued	
KR20060092830 A	20100820	LSDW	-WITN	WITHDRAWAL DUE TO NO REQUEST FOR EXAMINATION	
US2005188925 AA	20050901	LSPB	+	published / reissued	
US2005188925 AA	20050609	LSAS	AS	ASSIGNMENT	OWNER NAME : INAFICTION U.S.A., INC., CALIFORNIA DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:YUN, YEU HOON; YNOSTROZA, JOHN-CARLOS; REEL/FRAME:016319/0736 EFFECTIVE DATE : 20050516
US2005188925 AA	20050912	LSWD	-EAB1	Expressly Abandoned -- During Examination	
US2005241188 AA	20051103	LSPB	+	published / reissued	
US2005241188 AA	20050726	LSAS	AS	ASSIGNMENT	OWNER NAME : INAFICTION, U.S.A., INC., CALIFORNIA DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:YUN, YEU HOON; YNOSTROZA, JOHN-CARLOS; REEL/FRAME:016823/0077 EFFECTIVE DATE : 20050706
US2005241188 AA	20080415	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	

Title: AN IMPROVED HIGH **HEELED SHOE** OR BOOT

Abstract: A high **heeled shoe** (1210) with an insole (1218) with recesses (1220, 1222) corresponding to one or more **anatomical** features of the sole of the foot. An outer cushioning layer (1212) may be attached to the insole (1218). A softer central cushioning layer (1214) may be attached to the stiffer outer cushioning layer (1212) adjacent to the recesses (1220, 1222). An optional inner cushioning layer (1216) may be overlaid to the central and outer cushioning layers. The central cushioning layer is preferentially compressed by the foot in use to provide ridges, rises and moulding for securing the foot to the **shoe** (1210) when in use.

Classifications:

International (IPC 8-9): A43B13/12 A43B13/14 A43B13/18
A43B13/38 A43B13/40 A43B17/02 A43B19/00 A43B21/00 A43B7/14
A43B9/14 (Advanced/Invention)
CPC: A43B7/1425 A43B7/1445 A43B7/1465 A43B7/148 A43B9/14
A43B13/125 A43B13/14 A43B17/02 A43B7/144



Family:

Publication number	Publication date	Application number	Application date
AU2014286929 AA	20150108	AU20140286929	20140704
GB201700414 A0	20170222	GB20170000414	20140704
GB2541858 A1	20170301	GB20170000414	20140704
WO15000036 A1	20150108	WO2014AU50111	20140704

Priority:

AU20130902485 20130705 WO2014AU50111 20140704

Probable Assignee: PICKERING

Assignee(s): (std): PICKERING ; PICKERING TANIA BELLAMOANA ; TANIA BELLAMOANA PICKERING

Assignee(s): PICKERING TANIA

Inventor(s): (std): PICKERING TANIA BELLAMOANA ; TANIA BELLAMOANA PICKERING

Agent(s): HALFORDS IP; RICHARDS ADRIAN JOHN ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB2541858 A1	20170301	LSPB	+	published / reissued	
WO15000036 A1	20150108	LSPB	+	published / reissued	
WO15000036 A1	20160105	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : DE
WO15000036 A1	20170110	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	TEXT : PCT FILING DATE = 20140704 REF DOCUMENT NUMBER : 201700414 COUNTRY OF REF DOCUMENT : GB KIND CODE OF REF DOCUMENT : A DESIGNATED STATE(S) :
WO15000036 A1	20170202	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2014286929 COUNTRY OF REF DOCUMENT : AU DATE OF REF DOCUMENT : 20140704 KIND CODE OF REF DOCUMENT : A DESIGNATED STATE(S) :

Title: ARTICLE OF FOOTWEAR WITH **HEEL** CLIP

Abstract: Source: US6298582B An article of footwear, e.g., a **shoe** for running, jogging, and walking, that is designed to provide a better and more **anatomical** fit to the wearer's foot to enhance performance and provide better arch support. The **shoe** includes an articulated arch that is independent from the main sole unit to provide better arch support, optimal comfort, and enhanced articulation. A **heel** notch is cut in the medial and lateral quarter panels to enable the **shoe** to move in a manner more like the human foot. A **heel** clip is provided, in lieu of a traditional **heel** counter, to provide a secure fit in the **heel** region without the inflexibility and discomfort of a traditional **heel** counter.

Classifications:

International (IPC 8-9): A43B23/02 A43B23/22 A43B5/06 A43B7/22 A43C1/04 (Advanced/Invention);

A43B23/02 A43B5/00 A43C1/00 (Core/Invention)

International (IPC 1-7): A43B1/10 A43B21/00 A43B23/00

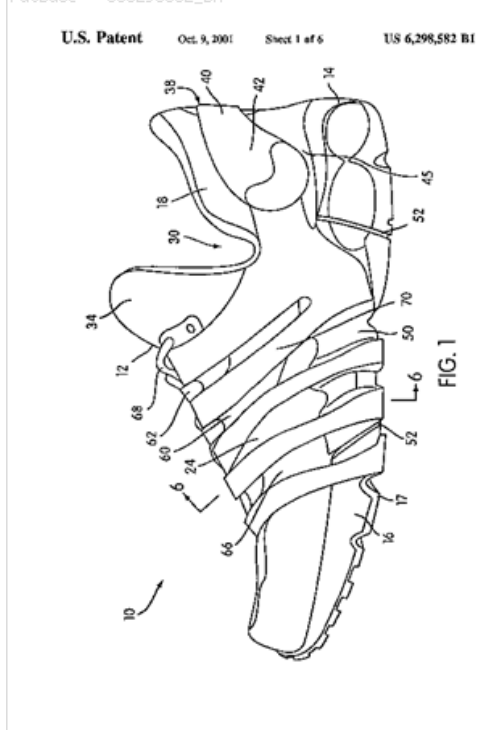
A43B23/22 A43B23/28 A43B5/00 A43B5/06 A43B7/14 A43B7/20 A43B7/22

CPC: A43B23/0235 A43B23/027 A43B23/088 A43B5/06 A43C1/04

European: A43B23/02 A43B5/06 A43C1/04

US: 36/102 36/103 36/114 36/58.5 36/58.6 36/585 36/586 36/69 36/80 36/88 36/880 36/89 36/92

PatBase - US6298582_BA



Family:

Publication number	Publication date	Application number	Application date
CA2260517 AA	19990730	CA19992260517	19990128
DE19903491 A1	19990805	DE19991003491	19990129
GB2333689 A1	19990804	GB19990001920	19990128
GB9901920 A0	19990317	GB19990001920	19990128
US6298582 BA	20011009	US19980016294	19980130

Priority:

CA19992260517 19990128 US19980016294 19980130

Probable Assignee: NIKE INC

Assignee(s): (std): NIKE INC ; NIKE INT LTD ; NIKE INT LTD N D GES ; NIKE INTERNATIONAL LTD ; NIKE INTERNATIONAL LTD N D GES

Assignee(s): NIKE INTERNATIONAL LTD (N D GES D STAATES... ; NIKE INTERNATIONAL LTD N D GES D STAATES BERMUDAS BEAVERTON OREG US ; SCHENONE DAVID J ; TAWNEY JOHN C ; NIKE INT LTD NDGEDS STAATES BERMUDAS BEAVERTON OREG ; NIKE INT LTD N D GES D STAATES BERMUDAS ; FRITON MICHAEL R ; HATFIELD TOBIE D

Inventor(s): (std): FRITON MICHAEL R ; HATFIELD TOBIE D ; TAWNEY JOHN C ; SCHENONE DAVID J

Inventor(s): SCHENONE DAVID J BEAVERTON OREG US ; TAWNEY JOHN C PORTLAND OREG US ; TOBIE D HATFIELD ; MICHAEL R FRITON ; JOHN C TAWNEY ; DAVID J SCHENONE ; HATFIELD TOBIE D BEAVERTON OREG US ; FRITON MICHAEL R PORTLAND OREG US

Agent(s): DEETH WILLIAMS WALL LLP

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CA2260517 AA	19990730	LSPB	+	published / reissued	
CA2260517 AA	20050128	LSLE	-FZDE	DEAD	
DE19903491 A1	19990805	LSPB	+	published / reissued	
DE19903491 A1	20020214	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
GB2333689 A1	19990804	LSPB	+	published / reissued	

GB2333689 A1	20000517	LSWD	-WAP	APPLICATION WITHDRAWN, TAKEN TO BE WITHDRAWN OR REFUSED ** AFTER PUBLICATION UNDER SECTION 16(1)	
US6298582 BA	20011009	LSGT	+	granted / extensions (spc, cpc, pte)	
US6298582 BA	19980707	LSAS	AS	ASSIGNMENT	OWNER NAME : NIKE, INC., OREGON DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:FRITON, MICHAEL R.; HATFIELD, TOBIE D.; SCHENONE, DAVID J.; AND OTHERS; REEL/FRAME:009329/0205; SIGNING DATES FROM 19980630 TO 19980701
US6298582 BA	20010921	LSGT	PAT1	Patented Case	
US6298582 BA	20050315	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6298582 BA	20090311	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6298582 BA	20130306	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12

Title: FOOTWEAR PROMOTING NATURAL MOTION

Abstract: Source: US2012304489A A **shoe** is designed to enable unhindered natural foot motion between the foot and the ground. The **shoe** is constructed with a cupped **heel**, a contoured arch, a radiused forepart and neutral **heel**/forefoot position to create a foot bed that **anatomically** cradles a wearer's foot. A soft, **flexible** strobel stitched insole is added, which utilizes encapsulated high resiliency foam. The outsole is sculpted to have rounded natural edges and an **anatomically** correct **flex** location toward the forefoot of the **shoe** where softer, more **flexible** materials are used. The outsole is further designed with harder, protective materials strategically placed in high ground-contact areas to deliver protection and support. An optional midfoot support element may be positioned between the insole and outsole to control torsional stiffness. Upper materials are selected to minimize restriction of movement and promote breathability.

Classifications:

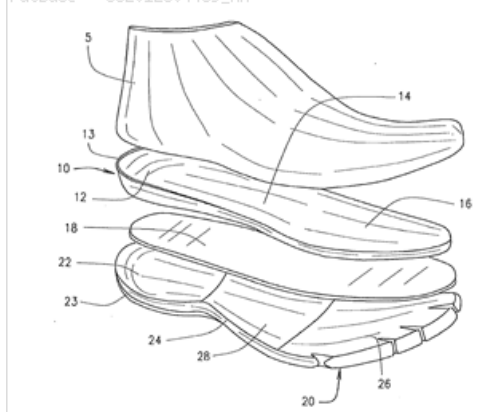
International (IPC 8-9): A43B13/00 A43B13/14 A43B13/16 A43B13/18 A43B13/28 A43B13/38 A43B13/40 A43B17/00 A43B17/14 A43B7/14 (Advanced/Invention)

CPC: A43B23/22 A43B7/141 A43B7/144 A43B13/12 A43B13/187 A43B13/40 A43B13/41 A43B3/0057 A43B17/02 A43B17/14 A43B13/38 A43B13/141 A43B7/142 A43B7/1425 A43B7/1435 A43B13/122

European: A43B13/38 A43B13/41 A43B23/22 A43B7/14A10 A43B7/14A20A A43B7/14A20H

US: 36/25R 36/28 36/43

PatBase - US2012304489_AA



Family:

Publication number	Publication date	Application number	Application date
CA2822618 AA	20140131	CA20132822618	20130730
CA2837674 AA	20131128	CA20122837674	20120531
CA2875977 AA	20141205	CA20132875977	20130606
CN103564980 A	20140212	CN201310472408	20130730
CN103841850 A	20140604	CN201280026970	20120531
MX2013014140 A1	20140801	MX20130014140	20120531
US2012304489 AA	20121206	US20120484379	20120531
US2012317844 AA	20121220	US20120597559	20120829
US2013318817 AA	20131205	US20120563706	20120731
US2013326905 AA	20131212	US20120491570	20120607
WO12166857 A1	20121206	WO2012US40110	20120531
WO13184886 A1	20131212	WO2013US44468	20130606

Priority:

CA20132822618	20130730	US20110491404P	20110531	US20120484379	20120531
US20120597559	20120829	US20120563706	20120731	US20120491570	20120607
WO2012US40110	20120531	WO2013US44468	20130606		

Probable Assignee: BROWN SHOE CO INC

Assignee(s): (std): BROWN SHOE CO INC ; PETERSON CODY ; BROWN SHOE COMPANY INC ; BACON STEVEN ; SWEGLE JONATHAN ; VATTES DAVID L

Assignee(s): BROWN SHOE CO ; BROWN SHOE CO INC8300 MARYLAND AVENUEST. LOUISMO63105US

Inventor(s): (std): DAVID L VATTES ; PETERSON CODY ; SWEGLE JONATHAN ; VATTES DAVID L ; BACON STEVEN

Inventor(s): BACON STEVENUS ; VATTES DAVID LUS ; DAVID LVATTES ; JONATHAN SWEGLE ; CODY PETERSON

Agent(s): SMART AND BIGGAR; COHN DAN; DIGIROLAMO SAMUEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CA2822618 AA	20140131	LSPB	+	published / reissued	
CA2822618 AA	20160710	LSLE	-FZDE	DEAD	EFFECTIVE DATE : 20160527
CA2837674 AA	20131128	LSPB	+	published / reissued	
CA2837674 AA	20140109	LSSES	+EEER	EXAMINATION REQUEST	EFFECTIVE DATE : 20131128
CA2837674 AA	20160713	LSLE	-FZDE	DEAD	EFFECTIVE DATE : 20160601
CA2875977 AA	20141205	LSPB	+	published /	

reissued					
CA2875977 AA	20160720	LSLE	-FZDE	DEAD	EFFECTIVE DATE : 20160608
CN103564980 A	20140212	LSPB	+	published / reissued	
CN103564980 A	20140212	LSPB	+C06	PUBLICATION	
CN103564980 A	20160323	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION (PATENT LAW 2001)	
CN103841850 A	20140604	LSPB	+	published / reissued	
CN103841850 A	20140604	LSPB	+C06	PUBLICATION	
CN103841850 A	20160323	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION (PATENT LAW 2001)	
MX2013014140 A1	20140801	LSPB	+	published / reissued	
US2012304489 AA	20121206	LSPB	+	published / reissued	
US2012304489 AA	20120813	LSAS	AS	ASSIGNMENT	OWNER NAME : BROWN SHOE COMPANY, INC., MISSOURI DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:VATTES, DAVID L.; PETERSON, CODY; SWEGLE, JONATHAN; SIGNINGDATES FROM 20120710 TO 20120809; REEL/FRAME:028778/0631
US2012304489 AA	20150727	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2012317844 AA	20121220	LSPB	+	published / reissued	
US2012317844 AA	20120829	LSAS	AS	ASSIGNMENT	OWNER NAME : BROWN SHOE COMPANY, INC., MISSOURI DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:VATTES, DAVID L.; REEL/FRAME:028868/0167 EFFECTIVE DATE : 20120828
US2012317844 AA	20150420	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2013318817 AA	20131205	LSPB	+	published / reissued	
US2013318817 AA	20120829	LSAS	AS	ASSIGNMENT	OWNER NAME : BROWN SHOE COMPANY, INC., MISSOURI DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:VATTES, DAVID L.; REEL/FRAME:028866/0859 EFFECTIVE DATE : 20120828
US2013318817 AA	20150921	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2013326905 AA	20131212	LSPB	+	published / reissued	
US2013326905 AA	20130430	LSAS	AS	ASSIGNMENT	OWNER NAME : BROWN SHOE COMPANY, INC., MISSOURI DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:VATTES, DAVID L.; BACON, STEVEN; SIGNING DATES FROM 20121017 TO 20121031; REEL/FRAME:030323/0576
US2013326905 AA	20150909	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
WO12166857 A1	20121206	LSPB	+	published / reissued	

WO12166857 A1	20131128	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2837674 COUNTRY OF REF DOCUMENT : CA
WO12166857 A1	20131202	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : DE
WO12166857 A1	20140625	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	REF DOCUMENT NUMBER : 12792163 COUNTRY OF REF DOCUMENT : EP KIND CODE OF REF DOCUMENT : A1
WO13184886 A1	20131212	LSPB	+	published / reissued	
WO13184886 A1	20141205	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2875977 COUNTRY OF REF DOCUMENT : CA
WO13184886 A1	20141208	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : DE
WO13184886 A1	20150701	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	REF DOCUMENT NUMBER : 13800271 COUNTRY OF REF DOCUMENT : EP KIND CODE OF REF DOCUMENT : A1

Title: Reactive energy apparatus providing cushioning and a custom fit at the instep area of a **shoe** upper and the forefoot area of the **shoe** sole

Abstract: Source: US5444926A The present invention relates to a fluid filled apparatus that reacts with the stimulus of outside forces, furnished at the instep area of a **shoe** upper and the forefoot area of the **shoe** sole. The apparatus provides cushioning and a custom fit to the **shoe** in an area surrounding the forward portion of the **shoe** wearer's foot. In particular, the present invention pertains to a reactive energy apparatus comprised of **anatomically** shaped fluid filled bladders or pads that are furnished at the instep area of the **shoe** upper and the forefoot area of the **shoe** sole. The bladders engage and assume a complimentary custom fitting configuration around the instep and ball of the **shoe** wearer's foot by displacement of fluid contained in the bladders, and thereby provide cushioning and a custom fit around the **shoe** wearer's foot.

Classifications:

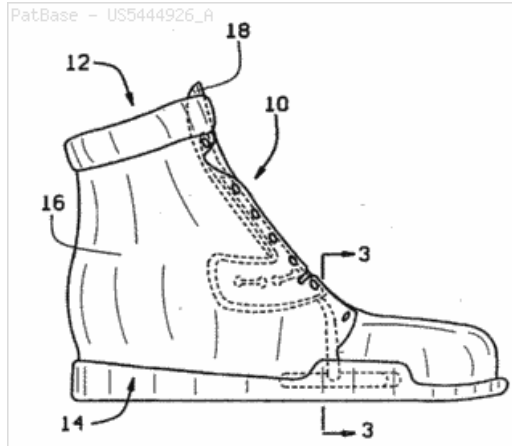
International (IPC 8-9): A43B5/04 (Advanced/Invention); A43B5/04 (Core/Invention)

International (IPC 1-7): A43B7/14

CPC: A43B5/0405 A43B5/0407

European: A43B5/04B A43B5/04B2

US: 36/29 36/54 36/93 36/930



Family:

Publication number	Publication date	Application number	Application date
US5444926 A	19950829	US19940195489	19940214

Priority:

US19920952297 19920928 US19940195489 19940214

Probable Assignee: CONVERSE INC

Assignee(s): (std): CONVERSE INC

Assignee(s): FOOTWEAR ACQUISITION INC ; BANKERS TRUST CO ; BT COMMERCIAL CORP ; CONGRESS FINANCIAL CORP

Inventor(s): (std): ALLEN BERNIE ; EDINGTON CHRISTOPHER J ; MOCHEN RICHARD ; PARRACHO RUI ; SWARTZ ERIC

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US5444926 A	19950829	LSGT	+	granted / extensions (spc, cpc, pte)	
US5444926 A	19941207	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:CONVERSE INC.; REEL/FRAME:007205/0026 EFFECTIVE DATE : 19941117
US5444926 A	19970527	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:CONVERSE, INC.; REEL/FRAME:008535/0157 EFFECTIVE DATE : 19970521
US5444926 A	19981002	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:CONVERSE INC.; REEL/FRAME:009516/0256 EFFECTIVE DATE : 19980916
US5444926 A	19981117	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : RE-RECORD TO REMOVE A COMMA FROM THE CONVEYING PARTIES NAME, PREVIOUSLY RECORDED ON REEL 8535 FRAME0157; ASSIGNOR:CONVERSE INC.; REEL/FRAME:009614/0904 EFFECTIVE DATE : 19970521
US5444926 A	19990301	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4

US5444926 A	20010212	LSAS	AS	ASSIGNMENT	OWNER NAME : BANKERS TRUST COMPANY, ILLINOIS DESCRIPTION : SECURITY AGREEMENT; ASSIGNOR: CONVERSE INC.; REEL/FRAME: 011306/0643 EFFECTIVE DATE : 20010122
US5444926 A	20010501	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : TERMINATION AND RELEASE OF PATENT SECURITY INTEREST; ASSIGNOR: BANKERS TRUST COMPANY; REEL/FRAME: 011783/0812 EFFECTIVE DATE : 20010430
US5444926 A	20010501	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR: BT COMMERCIAL CORPORATION; REEL/FRAME: 011783/0796 EFFECTIVE DATE : 20010430
US5444926 A	20010516	LSAS	AS	ASSIGNMENT	OWNER NAME : FOOTWEAR ACQUISITION, INC., MASSACHUSETTS DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: CONVERSE, INC.; REEL/FRAME: 011575/0159 EFFECTIVE DATE : 20010430
US5444926 A	20010516	LSAS	AS	ASSIGNMENT	OWNER NAME : CONGRESS FINANCIAL CORPORATION, NEW YORK DESCRIPTION : SECURITY INTEREST; ASSIGNOR: FOOTWEAR ACQUISITION, INC.; REEL/FRAME: 011575/0187 EFFECTIVE DATE : 20010430
US5444926 A	20011219	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : CHANGE OF NAME; ASSIGNOR: FOOTWEAR ACQUISITIONS, INC.; REEL/FRAME: 012428/0128 EFFECTIVE DATE : 20010521
US5444926 A	20030829	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5444926 A	20031001	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5444926 A	20031028	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20030829

Title: **Shoe** and removable **shoe** insole system

Abstract: Source: US5035068A There is provided a removable insole for insertion into a **shoe**, including a substantially impervious **flexible** base having an overall **anatomical** shape and an outer periphery. The base further includes a plurality of upwardly extending compressible support columns each having a central axis and being attached at its lower end to the base. The upper ends of the compressible support columns remain substantially free and unattached. An **anatomical** pad having a top surface and a bottom surface, and substantially conforming to the peripheral shape of the base is attached by its bottom surface to the outer periphery of the base. The pad is, thereby, effectively spaced from the base by the support columns to form a compressible chamber therebetween. In a preferred embodiment, the support columns are free to independently compress vertically along their central axes and to move laterally in directions normal to such vertical compression, thereby providing a massaging or stimulation action to the lower portions of the wearer's foot. The subject insole/**shoe** system can also provide optional deodorant and/or anti-fungal features.

Classifications:

International (IPC 8-9): A43B13/38 A43B17/03 A43B17/08 A43B7/08 (Advanced/Invention)

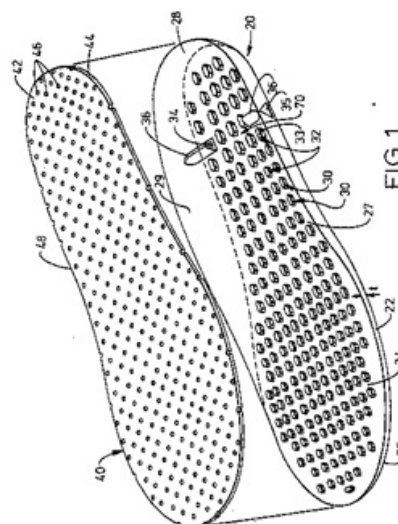
International (IPC 1-7): A43B13/38 A43B17/00 A43B17/03 A43B17/08 A43B7/06

CPC: A43B1/0045 A43B7/08 A43B7/146 A43B17/035 A43B17/08

European: A43B1/00D A43B17/03P A43B17/08 A43B7/08 A43B7/14A30A

US: 36/141 36/3.00R 36/3B 36/3R 36/43 36/44

PatBase - US5035068_R
U.S. Patent July 30, 1991 Sheet 1 of 5 5,035,068



Family:

Publication number	Publication date	Application number	Application date
BRPI9005681 A	19910917	BR1990PI05681	19901109
CA2029574 AA	19910510	CA19902029574	19901108
EP0427556 A2	19910515	EP19900312255	19901108
EP0427556 A3	19920115	EP19900312255	19901108
US5035068 A	19910730	US19890434930	19891109

Priority:

CA19902029574 19901108 US19890434930 19891109

Probable Assignee: WIND PRO CORP

Assignee(s): (std): WIND PRO CORP

Assignee(s): BIASI FRANCO ALFREDO ; GEERS KENNETH R ; O BRIEN JOHN ; WIND PRO A CORP OF OHIO CORP

Inventor(s): (std): BIASI FRANCO ALFREDO ; BIASI FRANCO A

Inventor(s): FRANCO ALFREDO BIASI

Agent(s): SMART AND BIGGAR

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
BRPI9005681 A	19910917	LSPB	+	published / reissued	
BRPI9005681 A	19960227	LSWD	-FB20	GRANT PROCEDURE SUSPENDED (ART. 20)	
BRPI9005681 A	19961112	LSES	-EG	TECHNICAL EXAMINATION (OPINION): PUBLICATION OF TECHNICAL EXAMINATION (OPINION)	

BRPI9005681 A	19961112	LSGT	HKFF	PATENT GRANTED (DELETED)	
BRPI9005681 A	19971125	LSGT	+FF	DECISION: INTENTION TO GRANT	
BRPI9005681 A	19981222	LSFE	KF	REQUEST FOR PROOF OF PAYMENT OF ANNUAL FEE	
BRPI9005681 A	19990921	LSFE	-FD5	APPLICATION FEES: DISMISSAL - ARTICLE 86 OF INDUSTRIAL PROPERTY LAW	
BRPI9005681 A	19991013	LSWD	HKX	PUBLICATION DELETED	
BRPI9005681 A	19991214	LSGT	+FG9A	PATENT OR CERTIFICATE OF ADDITION GRANTED	
BRPI9005681 A	20130521	LSLE	-B21A	EXPIRY ACC. ART. 78, ITEM I OF IPL- EXPIRY OF THE TERM OF PROTECTION	DESCRIPTION : PATENTE EXTINTA EM 09/11/2010
CA2029574 AA	19910510	LSPB	+	published / reissued	
CA2029574 AA	19971001	LSSES	+EEER	EXAMINATION REQUEST	
CA2029574 AA	20010212	LSLE	-FZDE	DEAD	
EP0427556 A2	19910515	LSPB	+	published / reissued	
EP0427556 A2	19920909	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19920715
EP0427556 A2	19940525	LSSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19940412
EP0427556 A2	19950301	LSDW	-18D	DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 19940823
US5035068 A	19910730	LSGT	+	granted / extensions (spc, cpc, pte)	
US5035068 A	19891109	LSAS	AS	ASSIGNMENT	OWNER NAME : GEERS, KENNETH R., OHIO DESCRIPTION : ASSIGNS TO EACH ASSIGNEE AN UNDIVIDED ONE- THIRD INTEREST.; ASSIGNOR:BIASI, FRANCO A.; REEL/FRAME:005171/0854 EFFECTIVE DATE : 19891109
US5035068 A	19891109	LSAS	AS	ASSIGNMENT	OWNER NAME : O'BRIEN, JOHN, KENTUCKY DESCRIPTION : ASSIGNS TO EACH ASSIGNEE AN UNDIVIDED ONE- THIRD INTEREST.; ASSIGNOR:BIASI, FRANCO A.; REEL/FRAME:005171/0854 EFFECTIVE DATE : 19891109
US5035068 A	19900409	LSAS	AS	ASSIGNMENT	OWNER NAME : WIND PRO CORPORATION, THE, A CORP. OF OHIO, OHIO DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST.; ASSIGNORS:BIASI, FRANCO A.; O'BRIEN, JOHN; GEERS, KENNETH R.; REEL/FRAME:005278/0127 EFFECTIVE DATE : 19900223
US5035068 A	19950221	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5035068 A	19990129	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5035068 A	20030730	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5035068 A	20030827	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5035068 A	20030923	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20030730

Title: **ANATOMIC** SOLE FOR **SHOE**

Abstract: The invention relates to an **anatomic** sole for **shoes** comprising an outer sole (2) and a **heel** (3). The invention is characterised in that it comprises means of fixing to the big toe, consisting of a through groove (4) that is located next to a lateral slot (5) which is disposed in the lower part of the sole and which is used to insert and guide a **flexible** strip (6), said **flexible** strip comprising anchoring means (7, 8) at the ends thereof. Moreover, the inventive sole comprises means of fixing to the rest of the foot, consisting of, on one side, at least one hole (9) and, on the opposite side, at least one cavity (10) that is provided with a lateral opening (11) which is used to connect at least one **flexible** strip (12), said **flexible** strip comprising anchoring means (13, 14) at the ends thereof. All of the aforementioned **flexible** strips (6, 12) comprise control means (15) which are used to adjust the **anatomic** sole (1) to the foot. In this way, the sole is stable, comfortable to wear and fully attached to the foot.

Classifications:

International (IPC 8-9): A43B13/30 A43B21/38

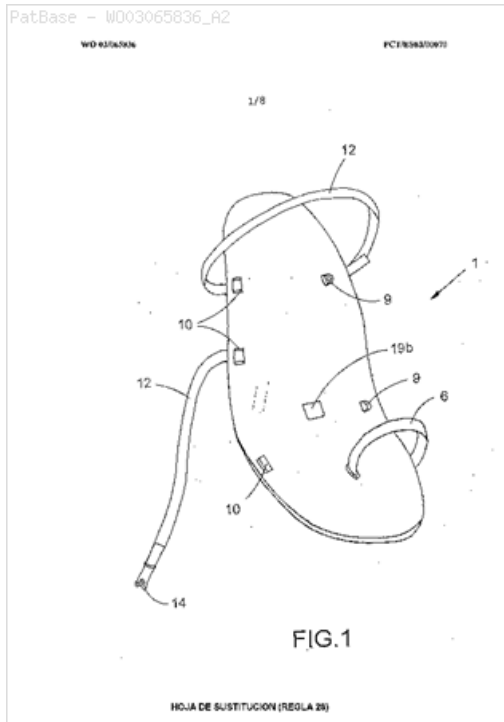
A43B3/12 (Advanced/Invention);

A43B13/00 A43B21/00 A43B3/12 (Core/Invention)

International (IPC 1-7): A43B13/30 A43B21/38 A43B3/12

CPC: A43B3/128 A43B13/30 A43B21/38

European: A43B13/30 A43B21/38 A43B3/12S



Family:

Publication number	Publication date	Application number	Application date
AU2003208728 AA	20030902	AU20030208728	20030207
ES2215442 AA	20041001	ES20020000362	20020208
ES2215442 BA	20051216	ES20020000362	20020208
WO03065836 A2	20030814	WO2003ES00070	20030207
WO03065836 A3	20040506	WO2003ES00070	20030207

Priority:

ES20020000362 20020208 WO2003ES00070 20030207

Probable Assignee: ARNAU GARCIA PEDRO

Assignee(s): (std): ARNAU GARCIA PEDRO

Inventor(s): (std): ARNAU GARCIA PEDRO ; GARCIA PEDRO ARNAU

Inventor(s): PEDRO ARNAU GARCIA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2003208728 AA	20041028	LSLE	-MK6	APPLICATION LAPSED SECTION 142(2) (F)/REG. 8.3(3) - PCT APPLIC. NOT ENTERING NATIONAL PHASE	
ES2215442 AA	20041001	LSPB	+	published / reissued	
ES2215442 AA	20041001	LSES	+EC2A	SEARCH REPORT PUBLISHED	DATE OF REF DOCUMENT : 20041001 KIND CODE OF REF DOCUMENT : A1
ES2215442 AA	20051216	LSGT	+FG2A	DEFINITIVE PROTECTION	REF DOCUMENT

					NUMBER : 2215442B1 COUNTRY OF REF DOCUMENT : ES
ES2215442 AA	20060701	LSWD	-FA2A	APPLICATION WITHDRAWN	EFFECTIVE DATE : 20060601
ES2215442 BA	20051216	LSGT	+	granted / extensions (spc, cpc, pte)	
WO03065836 A2	20030814	LSPB	+	published / reissued	
WO03065836 A3	20060614	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : JP
WO03065836 A3	20060614	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : JP

Title: **Shoe** system, preferably for producing a complete **shoe** with a **heel** continued by a **heel** lift and **shoe** composed of same, particularly ladies **shoe**

Abstract: The system has a steel spring, and a stabilizing element (3) including a lug that acts as a **heel** supporting part. The element has a stable or elastic plastic part. A **heel** (2) has a negative recess corresponding to the shape of the lug. The **heel** is fixed to the lug by a lockable fastening unit in the form of a plug and socket device and/or a snap-in locking device. The lug and the recess are dimensioned and formed together in a form-fit or force-fit manner, so that the **heel** is fixedly connected with the lug in cooperation with the fastening unit.

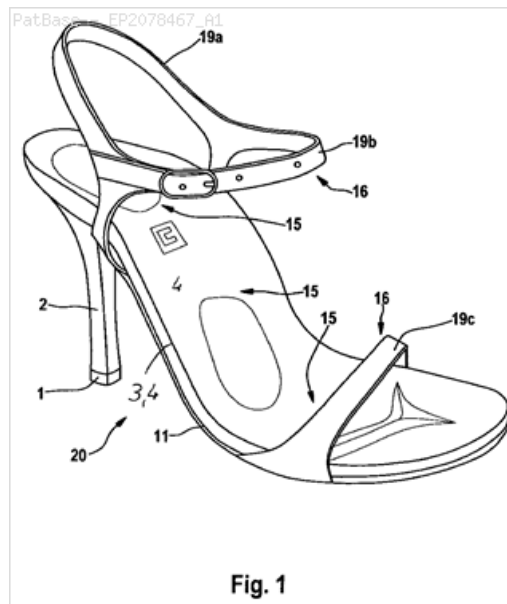
Classifications:

International (IPC 8-9): A43B13/16 A43B13/28 A43B13/34

A43B13/41 A43B23/22 A43B3/12 (Advanced/Invention)

CPC: A43B7/144 A43B7/1445 A43B13/34 A43B13/41 A43B23/22

European: A43B13/34 A43B13/41 A43B23/22 A43B7/14A20H
A43B7/14A20M



Family:

Publication number	Publication date	Application number	Application date
AT538675 E	20120115	AT20090000322T	20090113
DE102008004404 A1	20090723	DE200810004404	20080114
DE502009002268 D1	20120322	DE200950002268T	20090113
DK2078467 T3	20120423	DK20090000322T	20090113
EP2078467 A1	20090715	EP20090000322	20090113
EP2078467 B1	20111228	EP20090000322	20090113
ES2379974 T3	20120507	ES20090000322T	20090113
PT2078467 T	20120410	PT20090000322T	20090113

Priority:

DE200810004404 20080114 EP20090000322 20090113

Probable Assignee: OCKENFELS GMBH

Assignee(s): (std): OCKENFELS GMBH

Inventor(s): (std): BIRKENSTOCK CHRISTIAN

Inventor(s): CHRISTIAN BIRKENSTOCK

Agent(s): VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENTANWAELTEN U RECHTSANWAELTEN
MBB; KOCH THEODOR; MAXTON LANGMAACK AND PARTNER

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO RS SE SI SK TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT538675 E	20120115	LSGT	+	granted / extensions (spc, cpc, pte)	
DE102008004404 A1	20090723	LSPB	+	published / reissued	
DE102008004404 A1	20090723	LSES	+OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW	
DE102008004404 A1	20131114	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	EFFECTIVE DATE : 20130801
DK2078467 T3	20120423	LSGT	+	granted / extensions (spc,	

EP2078467 A1	20090715	LSPB	+	cpc, pte) published / reissued	
EP2078467 A1	20100224	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20100107
EP2078467 A1	20100324	LSFE	+AKX	PAYMENT OF DESIGNATION FEES	COUNTRY OF REF DOCUMENT : AT COUNTRY OF REF DOCUMENT : BE COUNTRY OF REF DOCUMENT : BG COUNTRY OF REF DOCUMENT : CH COUNTRY OF REF DOCUMENT : CY COUNTRY OF REF DOCUMENT : CZ COUNTRY OF REF DOCUMENT : DE COUNTRY OF REF DOCUMENT : DK COUNTRY OF REF DOCUMENT : EE COUNTRY OF REF DOCUMENT : ES COUNTRY OF REF DOCUMENT : FI COUNTRY OF REF DOCUMENT : FR COUNTRY OF REF DOCUMENT : GB COUNTRY OF REF DOCUMENT : GR COUNTRY OF REF DOCUMENT : HR COUNTRY OF REF DOCUMENT : HU COUNTRY OF REF DOCUMENT : IE COUNTRY OF REF DOCUMENT : IS COUNTRY OF REF DOCUMENT : IT COUNTRY OF REF DOCUMENT : LI COUNTRY OF REF DOCUMENT : LT COUNTRY OF REF DOCUMENT : LU COUNTRY OF REF DOCUMENT : LV COUNTRY OF REF DOCUMENT : MC COUNTRY OF REF DOCUMENT : MK COUNTRY OF REF DOCUMENT : MT COUNTRY OF REF DOCUMENT : NL COUNTRY OF REF DOCUMENT : NO COUNTRY OF REF DOCUMENT : PL COUNTRY OF REF DOCUMENT : PT COUNTRY OF REF DOCUMENT : RO COUNTRY OF REF DOCUMENT : SE COUNTRY OF REF DOCUMENT : SI COUNTRY OF REF DOCUMENT : SK COUNTRY OF REF DOCUMENT : TR
EP2078467 A1	20111228	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : FG4D TEXT : NOT ENGLISH
EP2078467 A1	20111230	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP2078467 A1	20120115	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : AT REF LEGAL EVENT CODE : REF REF DOCUMENT NUMBER : 538675 COUNTRY OF REF DOCUMENT : AT KIND CODE OF REF DOCUMENT : T DESIGNATED STATE(S) : EFFECTIVE DATE : 20120115
EP2078467 A1	20120118	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D
EP2078467 A1	20120307	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : NL REF LEGAL EVENT CODE : T3

EP2078467 A1	20120322	LSPB	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R096 REF DOCUMENT NUMBER : 502009002268 COUNTRY OF REF DOCUMENT : DE EFFECTIVE DATE : 20120322
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EP2078467 A1	20120507	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FG2A REF DOCUMENT NUMBER : 2379974 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : T3 DESIGNATED STATE(S) : EFFECTIVE DATE : 20120507
EP2078467 A1	20120525	LSRV	-LTIE	LT: INVALIDATION OF EUROPEAN PATENT OR PATENT EXTENSION	REF COUNTRY CODE : EP EFFECTIVE DATE : 20111228
EP2078467 A1	20120531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LV NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20111228
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EP2078467 A1	20120629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : CY NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20111228
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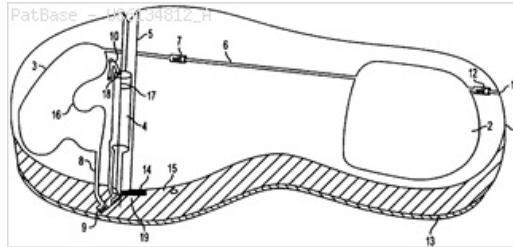
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EP2078467 A1	20120828	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : HU REF LEGAL EVENT CODE : AG4A REF DOCUMENT NUMBER : E013605 COUNTRY OF REF DOCUMENT : HU
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EP2078467 A1	20130124	LSRE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R097 REF DOCUMENT NUMBER : 502009002268 COUNTRY OF REF DOCUMENT : DE EFFECTIVE DATE : 20121001
EP2078467 A1	20130228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : MK NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20111228

EP2078467 A1	20130430	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : MC PAYMENT DATE : 20130122 YEAR OF FEE PAYMENT : 5
EP2078467 A1	20130430	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : HU PAYMENT DATE : 20130110 YEAR OF FEE PAYMENT : 5
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EP2078467 A1	20160331	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : NL PAYMENT DATE : 20160121 YEAR OF FEE PAYMENT : 8
EP2078467 A1	20160429	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : DK PAYMENT DATE : 20160122 YEAR OF FEE PAYMENT : 8
EP2078467 A1	20160429	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : ES PAYMENT DATE : 20160122 YEAR OF FEE PAYMENT : 8
EP2078467 A1	20160429	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : IT PAYMENT DATE : 20160122 YEAR OF FEE PAYMENT : 8
EP2078467 A1	20160429	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID	COUNTRY OF REF DOCUMENT : CH

				TO NATIONAL OFFICE	PAYMENT DATE : 20160121 YEAR OF FEE PAYMENT : 8
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EP2078467 A1	20160531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : SE PAYMENT DATE : 20160121 YEAR OF FEE PAYMENT : 8
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EP2078467 A1	20160531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : BE PAYMENT DATE : 20160121 YEAR OF FEE PAYMENT : 8
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EP2078467 A1	20160531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : FR PAYMENT DATE : 20160121 YEAR OF FEE PAYMENT : 8
EP2078467 A1	20170124	LSFE	REG	REFERENCE TO A NATIONAL CODE	COUNTRY OF REF DOCUMENT : FR REF COUNTRY CODE : FR REF LEGAL EVENT CODE : PLFP YEAR OF FEE PAYMENT : 9
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EP2078467 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : CH PAYMENT DATE : 20170125 YEAR OF FEE PAYMENT : 9
EP2078467 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : DE PAYMENT DATE : 20170208 YEAR OF FEE PAYMENT : 9
EP2078467 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : SE PAYMENT DATE : 20170125 YEAR OF FEE PAYMENT : 9
EP2078467 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : FR PAYMENT DATE : 20170124 YEAR OF FEE PAYMENT : 9
EP2078467 A1	20170531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : GB PAYMENT DATE : 20170125 YEAR OF FEE PAYMENT : 9
EP2078467 A1	20170531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : BE PAYMENT DATE : 20170124 YEAR OF FEE PAYMENT : 9
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EP2078467 A1	20170531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID	COUNTRY OF REF DOCUMENT : DK

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EP2078467 A1	20170630	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : ES PAYMENT DATE : 20170124 YEAR OF FEE PAYMENT : 9
EP2078467 B1	20111228	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2379974 T3	20120507	LSGT	+	granted / extensions (spc, cpc, pte)	
PT2078467 T	20120410	LSGT	+	granted / extensions (spc, cpc, pte)	

US: 36/102 36/29 36/290 36/3B



Patent	Date recorded	Event group	Code	Event	Details
AT200959 E	20010515	LSGT	+	granted / extensions (spc, cpc, pte)	
AT200959 E	20021215	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
DE19640655 A1	19980416	LSPB	+	published / reissued	
DE19640655 A1	19980416	LSES	+OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW	
DE19640655 A1	19980910	LSGT	+D2	GRANT AFTER EXAMINATION	
DE19640655 A1	19990311	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE19640655 A1	19991028	LSAS	8327	CHANGE IN THE PERSON/NAME/ADDRESS OF THE PATENT OWNER	OWNER NAME : GROSSE, ANDREAS, 68159 MANNHEIM, DE VOSS, HANS-CHR
DE19640655 A1	20021107	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE19640655 C2	19980910	LSGT	+	granted / extensions (spc, cpc, pte)	
DE59703520 D1	20031030	LSLI	8320	WILLINGNESS TO GRANT LICENCES DECLARED (PARAGRAPH	

23)					
DE59703520 D1	20090723	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
EP0942666 A1	19990922	LSPB	+	published / reissued	
EP0942666 A1	19990922	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19990220
EP0942666 A1	20000705	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 20000523
EP0942666 A1	20001213	LSAS	RAP1	TRANSFER OF RIGHTS OF AN EP PUBLISHED APPLICATION	OWNER NAME : VOSS, HANS-CHRISTIAN
EP0942666 A1	20001213	LSAS	RAP1	TRANSFER OF RIGHTS OF AN EP PUBLISHED APPLICATION	OWNER NAME : GROSSE, ANDREAS
EP0942666 A1	20010509	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : NL DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20010509
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EP0942666 A1	20010613	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D DESCRIPTION : GERMAN
EP0942666 A1	20010801	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FG2A REF DOCUMENT NUMBER : 2157067 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : T3 FORMAT OF REF DOCUMENT (F/P) : P
EP0942666 A1	20010809	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : SE DESCRIPTION : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT EFFECTIVE DATE : 20010809
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EP0942666 A1	20020220	LSWD	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FD4D	
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EP0942666 A1	20020331	LSLE	-BERE	BE: LAPSED	OWNER NAME : GROSSE ANDREAS EFFECTIVE DATE : 20010930	
EP0942666 A1	20020502	LSGT	+26N	NO OPPOSITION FILED		
EP0942666 A1	20020515	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL	
EP0942666 A1	20020828	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE : 20020828 YEAR OF FEE PAYMENT : 06	
EP0942666 A1	20020916	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 20020916 YEAR OF FEE PAYMENT : 06	
EP0942666 A1	20020919	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : ES DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20020919	
EP0942666 A1	20030918	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : GB DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20030918	
EP0942666 A1	20040505	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	EFFECTIVE DATE : 20030918	
EP0942666 A1	20040516	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FD2A	

EFFECTIVE DATE : 20031011					
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EP0942666 A1	20040702	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST
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EP0942666 A1	20070228	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 20070228 YEAR OF FEE PAYMENT : 11
EP0942666 A1	20090831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20090401
EP0942666 B1	20010509	LSGT	+	granted / extensions (spc, cpc, pte)	REF DOCUMENT NUMBER : 942666 COUNTRY OF REF DOCUMENT : ES
ES2157067 T3	20010801	LSGT	+	granted / extensions (spc, cpc, pte)	
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US6134812 A	20001024	LSGT	+	granted / extensions (spc, cpc, pte)	
US6134812 A	19990502	LSAS	AS	ASSIGNMENT	OWNER NAME : JOHANN NEUNER METALLTECHNIK-APPARATEBAU, GERMANY DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:VOSS, HANS-CHRISTIAN; REEL/FRAME:009967/0429 EFFECTIVE DATE : 19990315
US6134812 A	20041025	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	EFFECTIVE DATE : 20041024
US6134812 A	20041124	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6134812 A	20041221	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	
WO9814085 A1	19980409	LSPB	+	published / reissued	REF DOCUMENT NUMBER : 1997910305 COUNTRY OF REF DOCUMENT : EP
WO9814085 A1	19990220	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	
WO9814085 A1	19990402	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	
WO9814085 A1	19990604	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : JP REF DOCUMENT NUMBER : 1998516185 FORMAT OF REF DOCUMENT (F/P) : F
WO9814085 A1	19990922	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1997910305 COUNTRY OF REF DOCUMENT : EP
WO9814085 A1	20000402	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA
WO9814085 A1	20010509	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1997910305 COUNTRY OF REF DOCUMENT : EP

Title: Reactive energy fluid filled apparatus providing cushioning, support, stability and a custom fit in a **shoe**

Abstract: Source: US5313717A A reactive energy fluid filled cushioning and stabilizing apparatus in a **shoe** is comprised of one or more **anatomically** shaped fluid filled bladders that are positioned in the forefoot, arch and/or **heel** areas of the **shoe**. The bladders assume a complementary custom fitting configuration to the contours of a foot inserted in the **shoe**. In variant embodiments of the apparatus, the fluid filled bladders are positioned separate from each other in the forefoot, arch and **heel** areas of the **shoe** and are interconnected in fluid communication by fluid conducting channels, or the bladders are positioned independent of each other in the forefoot, arch and **heel** areas of the **shoe**.

Classifications:

International (IPC 8-9): A43B13/18 A43B13/20 A43B23/02 A43B23/08 A43B5/06 (Advanced/Invention);

A43B13/18 A43B23/00 A43B23/02 A43B5/00 (Core/Invention)

International (IPC 1-7): A43B13/18 A43B13/20 A43B23/02

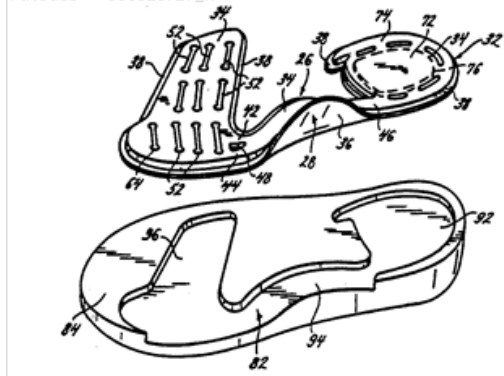
A43B23/08 A43B5/06

CPC: A43B13/20

European: A43B13/20

US: 36/153 36/28 36/29 36/35B 36/37

PatBase - US5313717_R



					DELAWARE; REEL/FRAME:006268/0734 EFFECTIVE DATE : 19920716
US5313717 A	19941206	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : RELEASE OF PATENTS SECURITY AGMT.; ASSIGNOR:BT COMMERCIAL CORPORATION; REEL/FRAME:007205/0001 EFFECTIVE DATE : 19941117
US5313717 A	19941207	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:CONVERSE INC.; REEL/FRAME:007205/0026 EFFECTIVE DATE : 19941117
US5313717 A	19941209	LSAS	AS	ASSIGNMENT	OWNER NAME : BROYHILL FURNITURE INDUSTRIES, INC. A CORP. OF DESCRIPTION : RELEASE OF PATENTS SECURITY AGMT.; ASSIGNORS:FIRST FIDELITY BANK; READY, JOSEPH F.; REEL/FRAME:007203/0028 EFFECTIVE DATE : 19941108
US5313717 A	19941209	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC. A CORP. OF DE., MASSACHUSETTS DESCRIPTION : RELEASE OF PATENTS SECURITY AGMT.; ASSIGNORS:FIRST FIDELITY BANK; READY, JOSEPH F.; REEL/FRAME:007203/0028 EFFECTIVE DATE : 19941108
US5313717 A	19941209	LSAS	AS	ASSIGNMENT	OWNER NAME : LANE COMPANY, INCORPORATED, THE A CORP. OF VA., V DESCRIPTION : RELEASE OF PATENTS SECURITY AGMT.; ASSIGNORS:FIRST FIDELITY BANK; READY, JOSEPH F.; REEL/FRAME:007203/0028 EFFECTIVE DATE : 19941108
US5313717 A	19941209	LSAS	AS	ASSIGNMENT	OWNER NAME : INTERCO INCORPORATED, MASSACHUSETTS DESCRIPTION : RELEASE OF PATENTS SECURITY AGMT.; ASSIGNORS:FIRST FIDELITY BANK; READY, JOSEPH F.; REEL/FRAME:007203/0028 EFFECTIVE DATE : 19941108
US5313717 A	19970527	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:CONVERSE, INC.; REEL/FRAME:008535/0157 EFFECTIVE DATE : 19970521
US5313717 A	19970904	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5313717 A	19981002	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : SECURITY INTEREST; ASSIGNOR:CONVERSE INC.; REEL/FRAME:009516/0256 EFFECTIVE DATE : 19980916
US5313717 A	19981117	LSAS	AS	ASSIGNMENT	OWNER NAME : BT COMMERCIAL CORPORATION, ILLINOIS DESCRIPTION : RE-RECORD TO REMOVE A COMMA FROM THE CONVEYING PARTIES NAME, PREVIOUSLY RECORDED ON REEL 8535 FRAME0157; ASSIGNOR:CONVERSE INC.; REEL/FRAME:009614/0904 EFFECTIVE DATE : 19970521
US5313717 A	20010212	LSAS	AS	ASSIGNMENT	OWNER NAME : BANKERS TRUST COMPANY, ILLINOIS DESCRIPTION : SECURITY AGREEMENT; ASSIGNOR:CONVERSE INC.; REEL/FRAME:011306/0643 EFFECTIVE DATE : 20010122
US5313717 A	20010501	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:BT COMMERCIAL CORPORATION; REEL/FRAME:011783/0796 EFFECTIVE DATE : 20010430
US5313717 A	20010501	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : TERMINATION AND RELEASE OF PATENT SECURITY

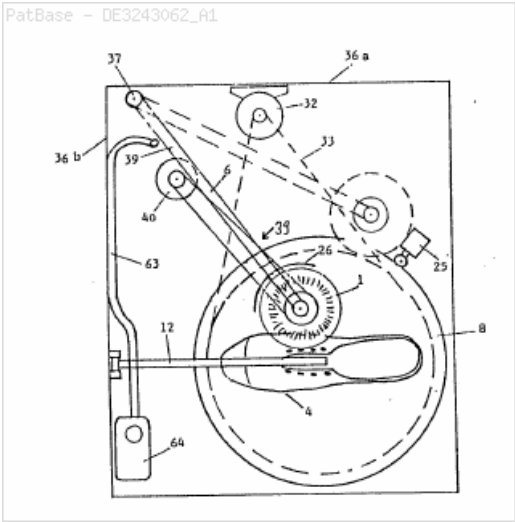
					INTEREST; ASSIGNOR: BANKERS TRUST COMPANY; REEL/FRAME: 011783/0812 EFFECTIVE DATE : 20010430
US5313717 A	20010516	LSAS	AS	ASSIGNMENT	OWNER NAME : FOOTWEAR ACQUISITION, INC., MASSACHUSETTS DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: CONVERSE, INC.; REEL/FRAME: 011575/0159 EFFECTIVE DATE : 20010430
US5313717 A	20010516	LSAS	AS	ASSIGNMENT	OWNER NAME : CONGRESS FINANCIAL CORPORATION, NEW YORK DESCRIPTION : SECURITY INTEREST; ASSIGNOR: FOOTWEAR ACQUISITION, INC.; REEL/FRAME: 011575/0187 EFFECTIVE DATE : 20010430
US5313717 A	20011219	LSAS	AS	ASSIGNMENT	OWNER NAME : CONVERSE INC., MASSACHUSETTS DESCRIPTION : CHANGE OF NAME; ASSIGNOR: FOOTWEAR ACQUISITIONS, INC.; REEL/FRAME: 012428/0128 EFFECTIVE DATE : 20010521
US5313717 A	20020524	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5313717 A	20020625	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5313717 A	20020723	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20020524

Title: Automatic shoe cleaner

Abstract: Source: DE3243062A1 Automatic shoe cleaner having at least one brush (1) rotatable by means of a drive. In accordance with the invention, the shoe (4) is supported by a holding device (8) which rotates together with the shoe. The shoe is fixed on the holding device by a hold-down device (12) or a spreader of the holding device. The brush (1) is mounted on a swivel arm (6) which presses the brush against the shoe with the aid of a spring force. The brush is rotated by a drive (4). The swivel arm (6) can also be constructed such that it carries various brushes, it being the case either that the brushes can be displaced in relation to the shoe or that the shoe can be displaced together with the supporting device in relation to the various brushes.

Classifications:

International (IPC 8-9): A47L23/02 (Advanced/Invention);
A47L23/00 (Core/Invention)
International (IPC 1-7): A47L23/06
CPC: A47L23/02
European: A47L23/02



Family:

Publication number	Publication date	Application number	Application date
DE3243062 A1	19840524	DE19823243062	19821122

Priority:

DE19823243062 19821122

Probable Assignee: EHRlich MICHAEL
Assignee(s): (std): COENEN LUDWIG ; EHRlich MICHAEL
Inventor(s): (std): COENEN WILLY

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE3243062 A1	19840524	LSPB	+	published / reissued	
DE3243062 A1	19851107	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	

Title: Sports boot for skiers and the like

Abstract: Source: US4724627A An improved sports boot is provided for use by snow skiers and the like, wherein the boot includes an improved boot liner interposed between a substantially rigid outer boot shell and the foot and lower leg region of a skier. The boot liner is defined by **flexible** sheet material extending about selected **anatomical** zones of the skier's foot and lower leg region to define a plurality of relatively small chambers each of relatively low vertical dimension and partially filled with a metered quantity of substantially uniform sized particulate. The boot liner further includes a plurality of small vents for restricted air passage between adjacent chambers, with one of said chambers communicating with a main air discharge tube. When the skier's foot and lower leg region are received into the boot shell and boot liner, and boot buckles or the like are closed, the particulate filled chambers are pressed against the skier's foot and lower leg region to force air to exhaust substantially from the chambers, thereby causing the individual chambers to assume a substantially rigid yet comfortable configuration in close conformance with the shape of the skier's foot and lower leg region. As a result, improved mechanical coupling is achieved with respect to the rigid boot shell, for a correspondingly improved mechanical coupling with a ski attached to the boot.

Classifications:

International (IPC 8-9): A43B5/04 (Advanced/Invention);
A43B5/04 (Core/Invention)

International (IPC 1-7): A43B17/03 A43B5/04 A43B7/14

CPC: A43B5/0405 A43B7/28

European: A43B5/04B A43B7/28

US: 36/117.6 36/71 36/93

PatBase - US4724627_A



Family:

Publication number	Publication date	Application number	Application date
EP0358639 A1	19900321	EP19880902038	19880208
EP0358639 A4	19901219	EP19880902038	19880208
US4724627 A	19880216	US19860937604	19861203
WO8906916 A1	19890810	WO1988US00360	19880208

Priority:

US19860937604 19861203 WO1988US00360 19880208

Probable Assignee: SFF INC A NEVADA CORP

Assignee(s): (std): SFF INC

Assignee(s): SFF INC A NEVADA CORP

Inventor(s): (std): SISCO HUGH ; SISCO HUGH D

Designated states: AT BE CH DE FR GB IT JP LI LU NL SE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP0358639 A1	19900321	LSPB	+	published / reissued	
EP0358639 A1	19900321	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19880616
EP0358639 A1	19901219	LSES	+A4	DESPATCH OF SUPPLEMENTARY SEARCH REPORT	EFFECTIVE DATE : 19901031
EP0358639 A1	19920805	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19920622
EP0358639 A1	19940323	LSDW	-18D	DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 19930927
US4724627 A	19880216	LSGT	+	granted / extensions (spc, cpc, pte)	
US4724627 A	19870202	LSAS	AS	ASSIGNMENT	OWNER NAME : SFF, INC., INCLINE VILLAGE, NEVADA A NEVADA CORP. DESCRIPTION : ASSIGNMENT OF

					ASSIGNORS INTEREST.; ASSIGNOR:SISCO, HUGH D.; REEL/FRAME:004659/0720 EFFECTIVE DATE : 19870113
US4724627 A	19870202	LSAS	AS	ASSIGNMENT	OWNER NAME : SFF, INC., A NEVADA CORP.,NEVADA DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:SISCO, HUGH D.; REEL/FRAME:004659/0720 EFFECTIVE DATE : 19870113
US4724627 A	19870202	LSAS	AS	ASSIGNMENT	OWNER NAME : SFF, INC., A NEVADA CORP.,NEVADA DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:SISCO, HUGH D.; REEL/FRAME:4659/720 EFFECTIVE DATE : 19870113
US4724627 A	19871215	LSGT	PAT1	Patented Case	
US4724627 A	19910807	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US4724627 A	19960218	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US4724627 A	19960430	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 19960221
WO8906916 A1	19890810	LSPB	+	published / reissued	
WO8906916 A1	19880616	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1988902038 COUNTRY OF REF DOCUMENT : EP
WO8906916 A1	19900321	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1988902038 COUNTRY OF REF DOCUMENT : EP
WO8906916 A1	19930927	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1988902038 COUNTRY OF REF DOCUMENT : EP

Title: Shock absorbing athletic **shoe** with air cooled insole

Abstract: Source: US4000566A Disclosed herein is a **shoe** construction, especially well suited for athletic footwear, comprising a one-piece molded sole having a bottom tread surface and an upper "fully orthopedic" foot supporting surface, a plurality of primary canals formed at the upper surface of the sole extending from the peripheral edges thereof inwardly in predetermined patterns, a foot supporting insole mounted upon the upper surface of the sole and cooperating with the primary canals to define ventilating air conduits, ventilating ports defined by the insole means and disposed in registry with the conduits, whereby ventilating air is free to communicate from exterior portions of the sole at peripheral portions thereof to the exposed internal surface of said insole, and a foot enclosing upper secured to said sole. Advantageously, the body of the sole between the canals is provided with cells or cavities which extend inwardly from the upper surface of the sole for the major portion of the thickness of said sole, whereby the cavities, in conjunction with the canals and the insole, provide the sole with an effective lightweight, strong, **flexible** and resilient honeycomb structure. Specifically, the lower portion of the sole is contoured to define a peripheral rim and a plurality of shock absorbing cylindrical members disposed inwardly thereof, the lower surfaces of the shock absorbing cylindrical members being disposed in a common plane with the peripheral rim, the cylindrical members being of sufficient depth so as to be compressible and laterally **flexible** in a manner whereby shock absorption is accommodated in three dimensions, along the X, Y and Z axes of the cylindrical members.

Classifications:

International (IPC 8-9): A43B13/14 A43B13/18 A43B13/22 A43B17/08 A43B5/00 A43B7/06 A43B7/08 (Advanced/Invention); A43B13/14 (Advanced/Non-invention);

A43B13/14 A43B17/00 A43B5/00 A43B7/00 (Core/Invention)

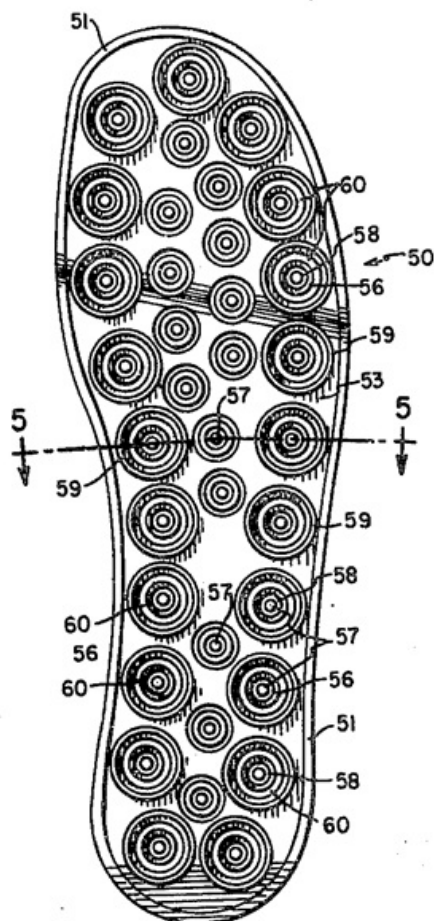
International (IPC 1-7): A43B13/04 A43B13/16 A43B13/18 A43B13/20 A43B13/22 A43B21/26 A43B5/00 A43B7/06 A43B7/08 A43B7/32

CPC: A43B5/00 A43B7/081 A43B13/223

European: A43B13/22B A43B5/00 A43B7/08B

US: 36/28 36/32R 36/3B

PatBase - US4000566_A



Family:

Publication number	Publication date	Application number	Application date
AT294876 A	19791215	AT19760002948	19760422
AT357900 B	19800811	AT19760002948	19760422
AU197613124 A1	19771027	AU19760013124	19760420
AU500958 B2	19790607	AU19760013124	19760420
BE840922 A1	19760816	BE19760166300	19760420
BR7602420 A	19761019	BR19760002420	19760420
CA1060646 A1	19790821	CA19760250203	19760413
CA1064251 A1	19791016	CA19780309399	19780815
CA1064251 A2	19791016	CA19780309399	19780815
CH609220 A	19790228	CH19760005082	19760422
CH614359 A	19791130	CH19780009677	19760422
DE2617531 A1	19761104	DE19762617531	19760422
DE7612524 U1	19790118	DE19760012524U	19760422
ES229622 U	19770901	ES19770229622U	19770629
ES229622 Y	19780126	ES19770229622U	19770629
ES230696 U	19771101	ES19760230696U	19760419
ES230696 Y	19780301	ES19760230696U	19760419
FR2308324 A1	19761119	FR19760011699	19760421
FR2308324 B1	19810918	FR19760011699	19760421
GB1550885 A	19790822	GB19760016436	19760422
GB1550886 A	19790822	GB19780004955	19760422

IT1059484 A	19820531	IT19760067955	19760421
JP1074911 C3	19811130	JP19760045002	19760422
JP51129338 A2	19761110	JP19760045002	19760422
JP56017083 B4	19810420	JP19760045002	19760422
NL7604207 A	19761026	NL19760004207	19760421
NZ180630 A	19790426	NZ19760180630	19760421
NZ186261 A	19790426	NZ19760186261	19760421
SE426436 B	19830124	SE19760004452	19760414
SE426436 C	19830511	SE19760004452	19760414
SE7604452 A	19761023	SE19760004452D	19760414
SE8001088 A	19800212	SE19800001088D	19800212
SE8001088 L	19800212	SE19800001088	19800212
US4000566 A	19770104	US19750570438	19750422
US4078321 A	19780314	US19760731738	19761012

Priority:

CA19760250203 19760413 CA19780309399 19780815 US19750540438 19750422
CH19760005082 19760422 NZ19760180630 19760421 US19750570438 19750422

Probable Assignee: FAMOLARE INC

Assignee(s): (std): FAMOLARE INC

Assignee(s): FAMOLARE INC NEW YORK N Y V ST A ; FAMOLARE INC TE NEW YORK ; FAMOLARE JOSEPH P ; FAMOLARE

Inventor(s): (std): FAMOLARE J ; FAMOLARE J P ; FAMOLARE JOSEPH P ; FAMOLARE JOSEPH P JR ; FAMOLARE JR J P ; FAMOLARE JR JOSEPH P ; FAMOLARE JR JP ; FAMOLARE JUN JOSEPH P ; J P FAMOLARE JR ; JIYOSEFU FUJITSUPU FUEMOREAA ; JIYOSEFU FUJITSUPU FUEMOREAA JIYUNIA ; JOSEPH P FAMOLARE JR ; JP FAMOLARE

Inventor(s): P FAMOLARE JUN ; J P FAMOLARE

Agent(s): PHILLIPS ORMONDE FITZPATRICK

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT294876 A	19791215	LSPB	+	published / reissued	
AT357900 B	19800811	LSGT	+	granted / extensions (spc, cpc, pte)	
AT357900 B	19810115	LSLE	-ELJ	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AT357900 B	19840915	LSLE	-ELJ	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
BE840922 A1	19760816	LSPB	+	published / reissued	
BR7602420 A	19761019	LSPB	+	published / reissued	
CA1064251 A2	19791016	LSGT	+	granted / extensions (spc, cpc, pte)	
CH609220 A	19790228	LSGT	+	granted / extensions (spc, cpc, pte)	
CH609220 A	19831230	LSLE	-PL	PATENT CEASED	
CH614359 A	19791130	LSGT	+	granted / extensions (spc, cpc, pte)	
CH614359 A	19831230	LSLE	-PL	PATENT CEASED	
DE2617531 A1	19761104	LSPB	+	published / reissued	
DE2617531 A1	19830721	LSLE	-8141	DISPOSAL/NO REQUEST FOR EXAMINATION	
DE7612524 U1	19790118	LSGT	+	granted / extensions (spc, cpc, pte)	
ES229622 U	19770901	LSPB	+	published / reissued	
ES229622 Y	19780126	LSGT	+	granted / extensions (spc, cpc, pte)	
ES230696 U	19771101	LSPB	+	published / reissued	
ES230696 Y	19780301	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2308324 A1	19761119	LSPB	+	published / reissued	
FR2308324 A1	19840224	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2308324 B1	19810918	LSGT	+	granted / extensions (spc, cpc, pte)	
GB1550885 A	19790822	LSGT	+	granted / extensions (spc, cpc, pte)	
GB1550885 A	19791212	LSGT	+PS	PATENT SEALED	
GB1550885 A	19861217	LSLE	-PCNP	PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	
GB1550886 A	19790822	LSGT	+	granted / extensions (spc, cpc, pte)	
GB1550886 A	19791212	LSGT	+PS	PATENT SEALED	
GB1550886 A	19861217	LSLE	-PCNP	PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	
IT1059484 A	19820531	LSGT	+	granted / extensions (spc, cpc, pte)	
JP1074911 C3	19811130	LSGT	+	granted / extensions (spc, cpc, pte)	

JP51129338 A2	19761110	LSPB	+	published / reissued	
JP56017083 B4	19810420	LSPB	+	published / reissued	
NL7604207 A	19761026	LSPB	+	published / reissued	
NL7604207 A	19830103	LSES	+BA	A REQUEST FOR SEARCH OR AN INTERNATIONAL-TYPE SEARCH HAS BEEN FILED	
NL7604207 A	19830103	LSES	BB	A SEARCH REPORT HAS BEEN DRAWN UP	
NL7604207 A	19830701	LSLE	-BV	THE PATENT APPLICATION HAS LAPSED	
NZ180630 A	19790426	LSPB	+	published / reissued	
NZ186261 A	19790426	LSPB	+	published / reissued	
SE426436 B	19830124	LSPB	+	published / reissued	
SE426436 C	19830511	LSGT	+	granted / extensions (spc, cpc, pte)	
SE7604452 A	19761023	LSPB	+	published / reissued	
SE8001088 A	19800212	LSPB	+	published / reissued	
SE8001088 A	19950228	LSLE	-NAV	PATENT APPLICATION HAS LAPSED	REF DOCUMENT NUMBER : 8001088-7 FORMAT OF REF DOCUMENT (F/P) : F
SE8001088 A	19950228	LSLE	-NAV	PATENT APPLICATION HAS LAPSED	REF DOCUMENT NUMBER : 8001088-7 FORMAT OF REF DOCUMENT (F/P) : F
US4000566 A	19770104	LSGT	+	granted / extensions (spc, cpc, pte)	
US4078321 A	19780314	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: EASILY PUT ON **SHOE**

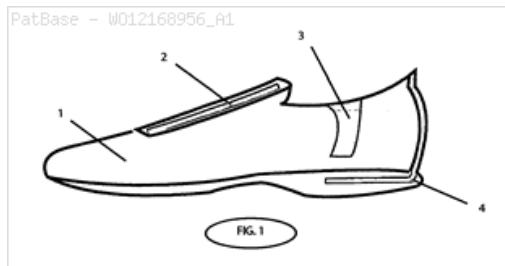
Abstract: A **shoe** equipped with three interacting elements that consist of a thin blade of stainless spring steel (4) placed at the rear and shaped according to the **heel**, a tongue (2) containing a semi-rigid insert, and an elastic joint (3) placed along the sides of the upper, the purpose of said elements being to widen the mouth of the upper and help the foot enter the **shoe**, without the aid of external accessories.

Classifications:

International (IPC 8-9): A43B11/00 A43B23/04 A43B23/10 A43B23/26 (Advanced/Invention)

CPC: A43B11/00 A43B23/045 A43B23/10 A43B23/26

European: A43B11/00 A43B23/04C A43B23/10 A43B23/26



Family:

Publication number	Publication date	Application number	Application date
ITPN20110042 A1	20121207	IT2011PN00042	20110606
WO12168956 A1	20121213	WO2012IT00171	20120606

Priority:

IT2011PN00042 20110606

Probable Assignee: ZAGO GIOVANNI

Assignee(s): (std): ZAGO GIOVANNI

Inventor(s): (std): ZAGO GIOVANNI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ITPN20110042 A1	20121207	LSPB	+	published / reissued	
WO12168956 A1	20121213	LSPB	+	published / reissued	
WO12168956 A1	20131206	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : DE
WO12168956 A1	20140625	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	REF DOCUMENT NUMBER : 12737893 COUNTRY OF REF DOCUMENT : EP KIND CODE OF REF DOCUMENT : A1

Title: Sandale Sandale (Machine translation)

Abstract: Source: DE20015880U1 (Claim1) den (1; 9, 10), an welchem eine Berierrung (3; 8) der Obermaterial-Bandage der Sandale ueber eine innenseitig mit dem Schuhboden (1; 9,10) verbundene Decksohle (4; 15) befestigt ist, wobei seitlich rechts und links an der Berierrung (3; 8) jeweils ein aeusserer hochgezogener Sohlenrand (2; 11) und zwischen diesen Sohlenraendern eine Fussbettung angelegt ist, dadurch gekennzeichnet, dass - die Fussbettung in dem Schuhboden (1; 9,10) eingearbeitet ist und aus einem schalenfoermigen Fussbett (14) besteht, mit einem dieses seitlich vollstaendig umlaufenden, sich nach oben erstreckenden Sohlenrand (2; 11), - dass als Decksohle (4; 15) auf dem Schuhboden (1; 9,10) eine blosse duenneAbdecksohle befestigt ist, - dass diese Decksohle (4; 15) einen frei nach oben hin ueber den Sohlenrand (2; 11) des Schuhbodens (1; 9,10) und des dortigen Fussbettes (14) seitlich nur nach rechts und links hinausragenden Randbereich (5; 16) be- sitzt, - dass diese Randbereiche (5; 16) jeweils einen aeusseren seitlichen Befestigungsabschnitt fuer die Berierrung (3; 8) oder auch fuer einen aeusseren vomSchuhboden (9,10) vorragenden Abschnitt (12), der ebenfalls zur Befestigung der Berierrung (8) dient, bilden, wobei an der Aussenseite des Schuhbodens (1; 9,10) Befestigungsstellen (5,6; 13) in Form von Auslassungen fuer die Enden der Berierrung (3; 8) derSandale vorgesehen sind, - dass die Enden der Berierrung (3; 8) jeweils bis in diese Auslassungen desSchuhbodens (1; 9, 10) gefuehrt sind - und dass die Berierrung (3; 8) mit den Befestigungsabschnitten der Randbereiche (5; 16) oder mit den vorragenden Abschnitten (12) verklebt ist.

Machine translation: (Claim1) (1; 9, 10), at which a Berierrung (3; 8) of the surface material bandage of the Sandale over one interiorlaterally with the shoe soil (1; 9,10) group ne upper sole (4; 15) is fastened, whereby laterally on the right of and left at rierrung (3; 8) in each case an outside pulled up edge of sole (2; 11) and between these edges of sole a foot bedding put on it is characterized, by the fact that - the foot bedding in the shoe soil (1; 9,10) is trained and from egg nem dish-shaped foot bed (14) exists, rotating constantly with this laterally a full, itself upward extending edge of sole (2; 11) - that as upper sole (4; 15) on the shoe soil (1; it thin-take off-resoles 9,10) a bare is fastened - that this upper sole (4; 15) one freely upward over the resoling edge (2; 11) of the shoe soil (1; 9,10) and the there foot bed (14) laterally only to the right and on the left of exceeding boundary region (5; 16) it sits - that these boundary regions (5; 16) gungsabschnitt in each case an outside lateral Befesti for the Berierrung (3; 8) or also for an outside of shoe soil (9,10) before-rising up section (12), which likewise for the Befesti gung the Berierrung (8) serves, form, whereby at the exterior of the shoe soil (1; 9,10) Attachment places (5,6; 13) in the form of omissions for the ends of the Berierrung (3; 8) derSandale is intended - that the ends of the Berierrung (3; 8) in each case into these omissions of the shoe soil (1; 9, 10) is led - and that the Berierrung (3; 8) with the attachment sections of the edge of ranges (5; 16) or with the before-rising up sections (12) stuck together.

Classifications:

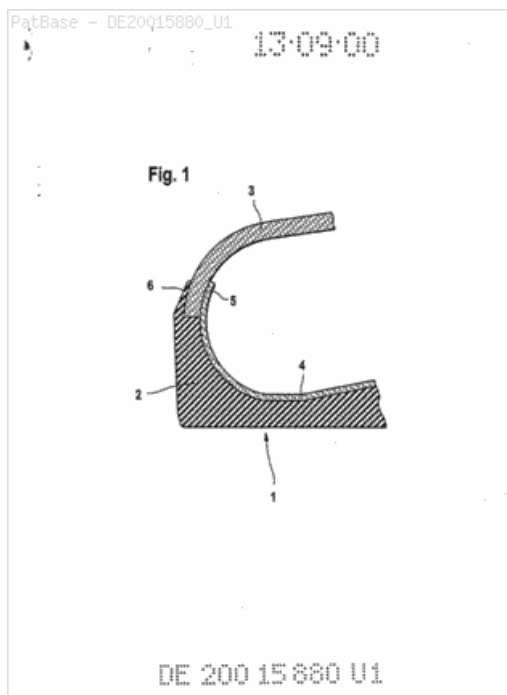
International (IPC 8-9): A43B3/12 (Advanced/Invention);

A43B3/12 (Core/Invention)

International (IPC 1-7): A43B3/12 A43B9/00

CPC: A43B3/122 A43B3/128

European: A43B3/12A A43B3/12S



Family:

Publication number	Publication date	Application number	Application date
DE20015880 U1	20010215	DE20002015880U	20000913

Priority:

DE20002015880U 20000913

Probable Assignee:

BETULA SCHUH GMBH

Assignee(s): (std):

BETULA SCHUH GMBH

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE20015880 U1	20010215	LSGT	+	granted / extensions (spc, cpc, pte)	
DE20015880 U1	20010322	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 20010322
DE20015880 U1	20010426	LSAS	R081	CHANGE OF APPLICANT/PATENTEE	OWNER NAME : BETULA SCHUH GMBH, DE DESCRIPTION : FORMER OWNER: BETULA SCHUH GMBH, 53545

					LINZ, DE EFFECTIVE DATE : 20010220
DE20015880 U1	20030828	LSGT	+R150	TERM OF PROTECTION EXTENDED TO 6 YEARS	EFFECTIVE DATE : 20030623
DE20015880 U1	20070104	LSGT	+R151	TERM OF PROTECTION EXTENDED TO 8 YEARS	EFFECTIVE DATE : 20061030
DE20015880 U1	20080515	LSGT	+R152	TERM OF PROTECTION EXTENDED TO 10 YEARS	EFFECTIVE DATE : 20080310
DE20015880 U1	20100930	LSLE	-R071	EXPIRY OF RIGHT	

Title: ANIMAL **SHOE**

Abstract: The invention relates to a therapeutic **shoe** for cloven-hooved lactating animals which protects a diseased or injured hoof (10) from the external environment to promote healing. The **shoe** (12) is notionally divided into four parts: (i) a sole portion (14) for supporting the undersides of the medial and lateral claws; (ii) a vamp portion (16) connected to the sole portion for at least partially enveloping the hoof wall between its toe, **heel** (19) and coronary band (17); (iii) a quarter portion (20) connected to the vamp portion for at least partially enveloping the front and lateral pastern sections; and (iv) a **heel** portion (24) connected to both the vamp and quarter portions for at least partially enveloping the **heel** and the area (26) beneath the dew claws. The material of the **shoe** at said **heel** portion (24) is relatively more deformable than the material of the **shoe** at any of said sole, vamp or quarter portions thus avoiding the application of excess pressure to this sensitive area (26) of the hoof **anatomy**.

Classifications:

International (IPC 8-9): A01K13/00 A01L5/00

A01L9/00 (Advanced/Invention)

CPC: A01L9/00 A01K13/007 A01L5/00

PatBase - WO17068354_A1

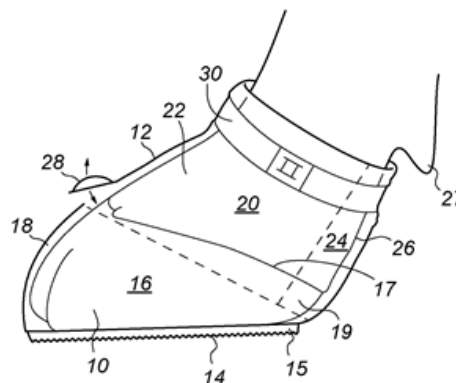


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
GB201518754 A0	20151209	GB20150018754	20151022
WO17068354 A1	20170427	WO2016GB53283	20161020

Priority:

GB20150018754 20151022

Probable Assignee: WALKER VALERIE

Assignee(s): (std): WALKER VALERIE

Inventor(s): (std): WALKER VALERIE

Agent(s): CAMERON INTELLECTUAL PROPERTY LTD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB201518754 A0	20170524	LSWD	-AT	APPLICATIONS TERMINATED BEFORE PUBLICATION UNDER SECTION 16(1)	
WO17068354 A1	20170427	LSPB	+	published / reissued	

Title: Method of manufacture of a **shoe**

Abstract: Source: US4003146A The invention facilitates manufacture of a **shoe** in which the foot has a correct vertical position, and has a better attitude then in known **shoes**, by **anatomically** correct development of the tread over the big toe and prevention of tilting over the outer edge.

Classifications:

International (ipc 8-9): A43B13/12 A43B13/38 A43B7/00 A43B7/14 A43D25/06 A43D3/02 A43D86/00 (Advanced/Invention); A43B13/02 A43B13/38 A43B7/00 A43B7/14 A43D25/00 A43D3/00 A43D86/00 (Core/Invention); A43B (Subclass/Invention)

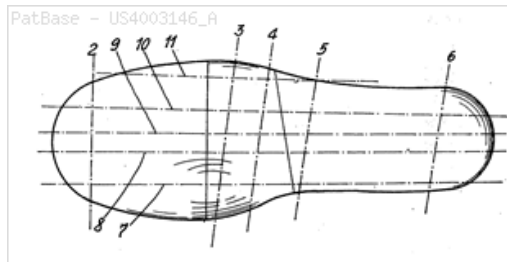
International (ipc 1-7): A43B10/00 A43B13/00 A43B13/18 A43B13/38 A43B13/41 A43B17/00 A43B7/00 A43B7/14 A43B7/28 A43D3/00 A43D3/02 G03B31/02

CPC: A43B7/14 A43B7/141 A43B7/142 A43B7/1425 A43B7/1435 A43B7/144 A43B7/145 A43B13/12 A43B13/38 A43D3/021 A43B7/143 A43B7/1445

European: A43B13/12 A43B13/38 A43B7/14 A43B7/14A10

A43B7/14A20A A43B7/14A20B A43B7/14A20C A43B7/14A20F A43B7/14A20H A43B7/14A20M A43B7/14A20P A43D3/02B

US: 36/44



Family:

Publication number	Publication date	Application number	Application date
AR210261 A1	19770715	AR19750259203	19750613
AT339774 B	19771110	AT19740009991	19741213
AT999174 A	19770215	AT19740009991	19741213
AU197582110 A1	19761216	AU19750082110	19750613
AU503282 B2	19790830	AU19750082110	19750613
BR7503735 A	19760817	BR19750004796	19750603
CA1029552 A1	19780418	CA19750228917	19750610
CH573231 A	19760315	CH19730017507	19731214
CH580400 A	19761015	CH19740007487	19740531
CH607677 A	19781013	CH19740016447	19741211
DE2458674 A1	19750626	DE19742458674	19741211
DE2458674 C2	19890518	DE19742458674	19741211
ES228939 U	19771116	ES19750228939U	19750526
ES228939 Y	19780516	ES19750228939U	19750526
ES228939 Y1	19780615	ES19752228939U	19750526
FR2272618 A1	19751226	FR19750008844	19750321
FR2272618 B1	19790105	FR19750008844	19750321
GB1491489 A	19771109	GB19740054219	19741216
IT1034296 A	19790910	IT19750021286	19750314
JP1256348 C3	19850312	JP19750065192	19750530
JP51009944 A2	19760127	JP19750065192	19750530
JP59032121 B4	19840807	JP19750065192	19750530
NL172022 B	19830201	NL19740000010	19740102
NL172022 C	19830701	NL19740000010	19740102
NL7400010 A	19750617	NL19740000010	19740102
NL7410758 A	19750617	NL19740010758	19740809
US4003146 A	19770118	US19750549580	19750213

Priority:

CH19730017507 19731214 CH19740007487 19740531 CH19740016447 19741211
CH19740016477 19741211

Probable Assignee: ERNST MEIER TE ZUERICH EN ALOIS ODERMATT TE ZURZACH ZWITSERLAND

Assignee(s): (std): ERNST MEIER Y ALOIS ODERMATT ; MEIER E ; ODERMATT ALOIS ; MEIER ERNST ; ERUNSUTO MAIERU ; ODERMATT A ; AROISU OODERUMATSUTO ; ERNST MEIER TE ZUERICH EN ALOIS ODERMATT TE ZURZAC

Assignee(s): ERNST MEIER TE ZUERICH EN ALOIS ODERMATT TE ZURZACH ZWITSERLAND ; ODERMATT ALOIS ZURZACH CH ; MEIER ERNST ZUERICH CH ; MEIER ERNST CH

Inventor(s): (std): AROISU OODERUMATSUTO ; E MEIER ; ERNST MEIER ; ERUNSUTO MAIERU ; MEIER E ; MEIER ERNST ; ODERMATT ALOIS

Inventor(s): ODERMATT ALOIS ZURZACH CH ; MEIER ERNST ZUERICH CH

Agent(s): CL

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AR210261 A1	19770715	LSGT	+	granted / extensions (spc, cpc, pte)	
AT339774 B	19771110	LSGT	+	granted / extensions (spc, cpc, pte)	
AT999174 A	19770215	LSPB	+	published / reissued	
BR7503735 A	19760817	LSPB	+	published / reissued	
CH573231 A	19760315	LSGT	+	granted / extensions (spc, cpc, pte)	
CH573231 A	19870831	LSLE	-PL	PATENT CEASED	

CH580400 A	19761015	LSGT	+	granted / extensions (spc, cpc, pte)	
CH580400 A	19800715	LSAS	PUE	ASSIGNMENT	OWNER NAME : HILDE ULRICH
CH580400 A	19900131	LSLE	-PL	PATENT CEASED	
CH607677 A	19781013	LSGT	+	granted / extensions (spc, cpc, pte)	
CH607677 A	19800715	LSAS	PUE	ASSIGNMENT	OWNER NAME : HILDE ULRICH
CH607677 A	19900131	LSLE	-PL	PATENT CEASED	
DE2458674 A1	19750626	LSPB	+	published / reissued	
DE2458674 A1	19820218	LSSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE2458674 A1	19890518	LSGT	+D2	GRANT AFTER EXAMINATION	
DE2458674 A1	19891116	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE2458674 A1	19920116	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE2458674 C2	19890518	LSGT	+	granted / extensions (spc, cpc, pte)	
ES228939 U	19771116	LSPB	+	published / reissued	
ES228939 U	19990801	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 19990601
ES228939 U	19990801	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 19990601
ES228939 Y	19780516	LSGT	+	granted / extensions (spc, cpc, pte)	
ES228939 Y1	19780615	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2272618 A1	19751226	LSPB	+	published / reissued	
FR2272618 A1	19910125	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2272618 B1	19790105	LSGT	+	granted / extensions (spc, cpc, pte)	
GB1491489 A	19771109	LSGT	+	granted / extensions (spc, cpc, pte)	
GB1491489 A	19780330	LSGT	+PS	PATENT SEALED	
GB1491489 A	19900815	LSLE	-PCNP	PATENT CEASED THROUGH NON- PAYMENT OF RENEWAL FEE	
IT1034296 A	19790910	LSGT	+	granted / extensions (spc, cpc, pte)	
JP1256348 C3	19850312	LSGT	+	granted / extensions (spc, cpc, pte)	
JP51009944 A2	19760127	LSPB	+	published / reissued	
JP59032121 B4	19840807	LSPB	+	published / reissued	
NL172022 B	19830201	LSPB	+	published / reissued	
NL172022 B	19810126	LSSES	+BC	A REQUEST FOR EXAMINATION HAS BEEN FILED	
NL172022 B	19890918	LSLE	-V1	LAPSED BECAUSE OF NON-PAYMENT OF THE ANNUAL FEE	
NL172022 C	19830701	LSGT	+	granted / extensions (spc, cpc, pte)	
NL7400010 A	19750617	LSPB	+	published / reissued	
NL7410758 A	19750617	LSPB	+	published / reissued	
NL7410758 A	19811001	LSSES	+BC	A REQUEST FOR EXAMINATION HAS BEEN FILED	
NL7410758 A	19860401	LSLE	-BV	THE PATENT APPLICATION HAS LAPSED	
US4003146 A	19770118	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: ORTHOPEDIC **SHOE**

Abstract: Source: US2011035967A The invention relates to a common condition-**flexible** pes planus (flatfoot). More particularly, the invention provides a new concept to an orthopedic **shoe** or boot for both normal and flat foot. The invention achieves the above object by providing an orthopedic **shoe** or boot for the prevention and control of pes planus which pushes the **heel** into its normal straight position. The foot needs no arch support since the way of correction through manipulation of **shoe** and its internal support rebuilds the **anatomical** arch.

Classifications:

International (IPC 8-9): A43B21/26 A43B7/14

A43B7/16 (Advanced/Invention);

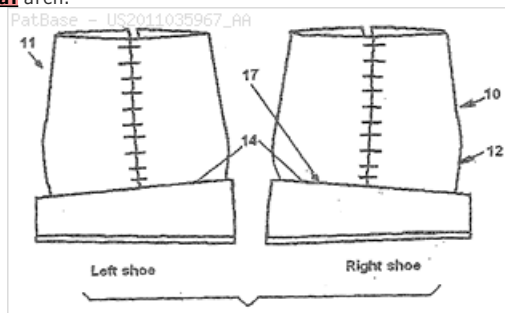
A43B7/14 (Core/Invention);

A43B (Subclass/Invention)

CPC: A43B7/142 A43B13/14

European: A43B13/14 A43B7/14A20A

US: 36/145 36/145S 36/35.00RP 36/35R



Family:

Publication number	Publication date	Application number	Application date
IL190168 A0	20081229	IL20080190168	20080313
US2011035967 AA	20110217	US20090921269	20090309
WO09113059 A2	20090917	WO2009IL00265	20090309
WO09113059 A3	20130627	WO2009IL00265	20090309

Priority:

IL20080190168 20080313 WO2009IL00265 20090309

Probable Assignee: GAD SHMUELI DR

Assignee(s): (std): GAD SHMUELI DR ; SHMUELI GAD

Assignee(s): DR GAD SHMUELI

Inventor(s): (std): SHMUELI GAD

Agent(s): PEARL COHEN ZEDEK LATZER LLP; PEARL COHEN ZEDEK LATZER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2011035967 AA	20110217	LSPB	+	published / reissued	
US2011035967 AA	20130711	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
WO09113059 A2	20090917	LSPB	+	published / reissued	
WO09113059 A2	20100914	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : DE
WO09113059 A2	20101029	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 12921269 COUNTRY OF REF DOCUMENT : US
WO09113059 A2	20110420	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	REF DOCUMENT NUMBER : 09718998 COUNTRY OF REF DOCUMENT : EP KIND CODE OF REF DOCUMENT : A2
WO09113059 A3	20100914	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : DE
WO09113059 A3	20101029	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 12921269 COUNTRY OF REF DOCUMENT : US
WO09113059 A3	20110420	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	REF DOCUMENT NUMBER : 09718998 COUNTRY OF REF DOCUMENT : EP KIND CODE OF REF DOCUMENT : A2

US4942677 A	19881011	LSAS	AS	ASSIGNMENT	OWNER NAME : PUMA AKTIENGESELLSCHAFT RUDOLF DASSLER SPORT,GERMA DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:FLEMMING, UDO; BAUER, WILLI; SIGNED BETWEEN 19880930 AND 19881003; REEL/FRA:4959/822
US4942677 A	19881011	LSAS	AS	ASSIGNMENT	OWNER NAME : PUMA AKTIENGESELLSCHAFT RUDOLF DASSLER SPORT,GERMA DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:FLEMMING, UDO; BAUER, WILLI; SIGNING DATES FROM 19880930 TO 19881003; REEL/FRA:004959/0822
US4942677 A	19900530	LSGT	PAT1	Patented Case	
US4942677 A	19901105	LSAS	AS	ASSIGNMENT	OWNER NAME : TRETORN AB, SWEDEN DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST.; ASSIGNOR:PUMA AG RUDOLF DASSLER SPORT, A CORP. OF FED. REP. OF GERMANY; REEL/FRA:005503/0636 EFFECTIVE DATE : 19900727
US4942677 A	19940124	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US4942677 A	19950714	LSAS	AS	ASSIGNMENT	OWNER NAME : PUMA AG RUDOLF DASSLER SPORT, GERMANY DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:TRETORN AB; REEL/FRA:007577/0840 EFFECTIVE DATE : 19950629
US4942677 A	19980726	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US4942677 A	19981006	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 19980729

Title: **SHOE** AND METHOD OF MAKING SAME

Abstract: Source: AU756551B A foot construction comprising a rigid molded device comprising a **heel** cup and an **anatomically** shaped arch appliance extending forwardly from the **heel** cup to just proximal to the metatarsal heads, causes the foot of the wearer to assume an **anatomically** correct position in the **shoe**, provides torsional stability and contributes to **shoe** structure integrity. 00 goss S 5ss o o oS 0"ss o

Classifications:

International (IPC 8-9): A43B13/38 A43B7/16 (Advanced/Invention);
A43B13/38 A43B7/14 (Core/Invention)

International (IPC 1-7): A43B13/38 A43B7/16

Family:

Publication number	Publication date	Application number	Application date
AU200121238 A5	20010503	AU20010021238	20010215
AU756551 B2	20030116	AU20010021238	20010215

Priority:

AU19970046612 19970930 AU20010021238 20010215 US19970883553 19970626
US19960720719 19961002

Probable Assignee: HBN SHOE LLC

Assignee(s): (std): HBN SHOE LLC

Inventor(s): (std): DANANBERG HOWARD J

Inventor(s): HOWARD J DANANBERG

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU756551 B2	20030515	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	

Title: FOLDABLE ORTHOSIS NIGHT SPLINT WITH ORTHO-WEDGE

Abstract: Source: US2005038363A A low cost foldable orthosis for the treatment of foot and ankle conditions including plantar fascitis and tendonitis, the orthosis is a foldable molded portion manufactured in a variety of incremental sizes, having a generally U-shaped cross-sectional configuration and a flat foot bed, covered by a soft fabric covering, and using a removable and interchangeable foot bed wedge insert permitting the angle of dorsiflexion, plantar **flexion**, inversion and eversion to be varied.

Classifications:

International (IPC 8-9): A61F5/00 A61F5/01

A61F5/37 (Advanced/Invention);

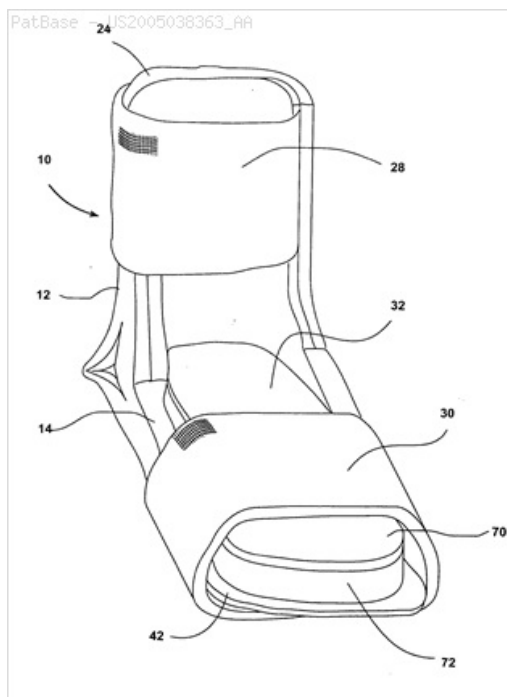
A61F5/01 (Core/Invention)

International (IPC 1-7): A61F5/00

CPC: A61F5/0127

European: A61F5/01D5

US: 128/882 602/16 602/23 602/23S 602/27 602/28 602/28P 602/5



Family:

Publication number	Publication date	Application number	Application date
US2005038363 AA	20050217	US20030641886	20030814
US2006064048 AA	20060323	US20050262650	20051028
US8007456 BB	20110830	US20050262650	20051028

Priority:

US20030641886 20030814 US20050262650 20051028

Probable Assignee: STANO WILLIAM S

Assignee(s): (std): STANO WILLIAM S

Inventor(s): (std): STANO WILLIAM S

Inventor(s): STANO WILLIAM

Agent(s): FRANK J DYKAS DYKAS SHAVER AND NIPPER LLP; DEREK H MAUGHAN DYKAS SHAVER AND NIPPER; DYKAS AND SHAVER LLP

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2005038363 AA	20050217	LSPB	+	published / reissued	
US2005038363 AA	20051118	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
US2006064048 AA	20060323	LSPB	+	published / reissued	
US8007456 BB	20110830	LSGT	+	granted / extensions (spc, cpc, pte)	
US8007456 BB	20110810	LSGT	PAT1	Patented Case	
US8007456 BB	20150211	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4

Title: PLANTILLA **ANATOMICA** DE MONTADO DE ZAPATO CON TACON ALTO IT SOLES **ANATOMICAL** OF MOUNTED OF **SHOE** WITH HIGH **HEEL** (Machine translation)

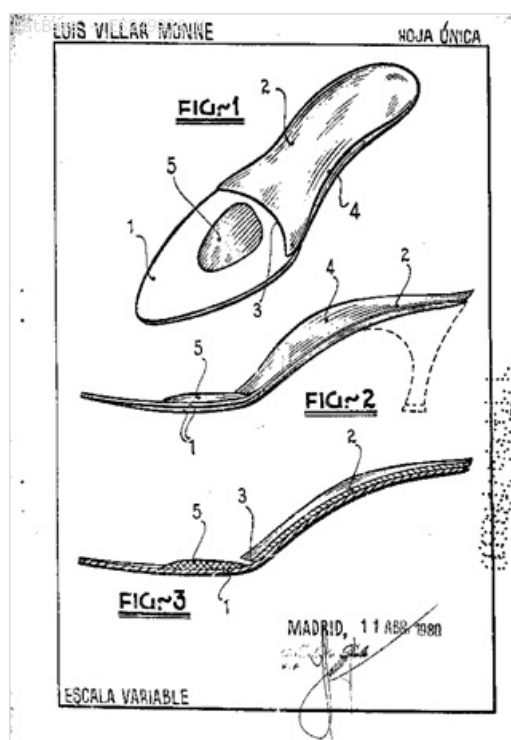
Abstract: Source: ES249936U 1. Plantilla **anatomica** de montado de zapato con tacón alto, caracterizada por estar constituido mediante tres piezas, una de ellas de material **flexible**, y que afecta tanto a la planta como el enfranque y al tacón, otra de material rígido preferentemente de plástico, que afecta únicamente a las zonas correspondientes al enfranque y al tacón y una tercera pieza constituida por una almohadilla de caucho dispuesta en correspondencia con la zona metatarsiana del pie, habiéndose previsto que tanto la almohadilla de caucho como la pieza rígida se fijen por encolado a la cara superior de la pieza **flexible**. 2. Plantilla, según reivindicación primera, caracterizada porque la pieza de plástico rígido presenta una curvatura longitudinal acorde con la altura prevista por el tacón, mientras que transversalmente su curvatura varía en orden a conseguir una perfecta adaptación a la planta del pie, incluida la bóveda plantar, habiéndose previsto que el borde inferior de esta pieza rígida sea curvoconcavo y coincida con la línea de plegado de la pieza **flexible** en la que se inicia la zona de la misma correspondiente a la planta. 3. Plantilla **anatomica** de montado de zapato con tacón alto.

Machine translation: 1. Mounted **anatomical** group of of **shoe** with high **heel**, characterized to be constituted by means of three pieces, one of them of **flexible** material, and that affects so much to the plant as enfranque and the **heel**, another one of rigid plastic material preferred, that only affects to the zones corresponding to enfranque and the **heel** and one third piece constituted by a rubber pad ready in correspondence with the metatarsiana zone of the foot, having itself anticipated that as much the rubber pad as the rigid piece pays attention by gluing to the superior face of the **flexible** piece. 2. Group, according to vindication first, characterized because the rigid plastic piece presents/displays an agreed longitudinal curvature with the even predicted height the **heel**, whereas cross-sectionally its curvature varies in sequence to obtain a perfect adaptation to the plant of the foot, including the plantar vault, having itself anticipated that the inferior edge of this rigid piece is curvoconcavo and agrees with the line of fold of the **flexible** piece in which the same zone of the corresponding one to the plant begins. 3. Mounted **anatomical** group of of **shoe** with high **heel**.

Classifications:

International (IPC 8-9): A43B17/00 (Advanced/Invention);
A43B17/00 (Core/Invention)

International (IPC 1-7): A43B17/00



Family:

Publication number	Publication date	Application number	Application date
ES249936 U	19800701	ES19800249936U	19800411
ES249936 Y	19810401	ES19800249936U	19800411

Priority:

ES19800249936U 19800411

Probable Assignee:

VILLAR MONNE LUIS

Assignee(s):

VILLAR MONNE LUIS

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES249936 U	19800701	LSPB	+	published / reissued	
ES249936 U	19990616	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 19990503
ES249936 U	19990616	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 19990503
ES249936 Y	19810401	LSGT	+	granted / extensions (spc, cpc, pte)	

US9642411 BB	20170509	US20130765799	20130213
US9681696 BB	20170620	US20140246002	20140404
WO06058013 A2	20060601	WO2005US42341	20051121
WO06058013 A3	20060824	WO2005US42341	20051121
WO08013594 A2	20080131	WO2007US11976	20070518
WO08013594 A3	20081127	WO2007US11976	20070518

Priority:

EP20050825112	20051121	US20040629384P	20041122	US20040629385P	20041122
US20050282665	20051121	US20040629523P	20041122	US20040633664P	20041206
US20040634781P	20041209	US20040634782P	20041209	US20040663664P	20041206
US20060801381P	20060519	US20060802103P	20060522	US20060802779P	20060524
US20060808819P	20060526	US20070802033	20070518	US20070301401	20070518
US20050719637	20051121	US20050672407P	20050418	US20050677538P	20050504
US20050679182P	20050509	US20050700179P	20050718	US20050677538P	20050404
US20070802930	20070525	WO2007US11976	20070518	WO2005US42341	20051121
US20120357332	20120124	US20120457990	20120427	US20120472676	20120516
US20120472645	20120516	US20130767911	20130215	US20130765413	20130212
US20130765799	20130213	US20130771214	20130220	US20130768625	20130215
US20140244863	20140403	US20140244868	20140403	US20150660688	20150317
US20140246002	20140404	US20130768625	20131215	US20120742645	20120516
US20170595985	20170516				

Probable Assignee: ELIIS FRAMPTON E

Assignee(s): (std): ELLIS FRAMPTON ; ELLIS FRAMPTON E ; ELLIS FRAMPTON ERROLL

Assignee(s): MOLECULAR SYSTEMS CORP ; ELLIS FRAMPTON E JASPER ; ELIIS FRAMPTON E

Inventor(s): (std): ELLIS FRAMPTON E ; ELLIS FRAMPTON ERROLL

Inventor(s): ELLIS FRAMPTON ; ELLIS FRAMPTON E JASPER

Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP; DUNLEAVY KEVIN JAMES; FRAMPTON E ELLIS; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; KNOBLE YOSHIDA AND DUNLEAVY; KNOBLE YOSHIDA AND DUNLEAVY LLC; MENDELSON DRUCKER AND ASSOCIATES PC; MENDELSON DRUCKER AND DUNLEAVY PC; MENDELSON DUNLEAVY PC; GARRETT ARTHUR S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CA2630817 AA	20080522	LSPB	+	published / reissued	
CA2630817 AA	20080522	LSNP	+AFNE	NATIONAL PHASE ENTRY	
CA2630817 AA	20101112	LSES	+EEER	EXAMINATION REQUEST	
CA2630817 AA	20101123	LSES	+EEER	EXAMINATION REQUEST	EFFECTIVE DATE : 20101112
CA2630817 C	20161018	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2687650 AA	20080131	LSPB	+	published / reissued	
CA2687650 AA	20091119	LSNP	+AFNE	NATIONAL PHASE ENTRY	
CA2687650 AA	20130523	LSES	+EEER	EXAMINATION REQUEST	EFFECTIVE DATE : 20130515
CA2687650 C	20160216	LSGT	+	granted / extensions (spc, cpc, pte)	
EP1819251 A2	20070822	LSPB	+	published / reissued	
EP1819251 A2	20070822	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20070619
EP1819251 A2	20100811	LSES	+A4	DESPATCH OF SUPPLEMENTARY SEARCH REPORT	EFFECTIVE DATE : 20100714
EP1819251 A2	20130417	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 20130321
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A43B 7/24 20060101ALI20150527BHEP
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A63B 59/00 20150101ALI20150527BHEP

EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A43B 7/14 20060101ALI20150527BHEP
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A43B 13/14 20060101ALI20150527BHEP
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A43B 3/00 20060101ALI20150527BHEP
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A43B 13/20 20060101AFI20150527BHEP
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A63B 53/04 20150101ALI20150527BHEP
EP1819251 A2	20150701	LSRE	RIC1	CLASSIFICATION (CORRECTION)	CLASSIFICATIONSCHEME : IPC CLASSIFICATIONSYMBOL : A43B 13/18 20060101ALI20150527BHEP
EP1819251 A2	20150715	LSGT	+INTG	ANNOUNCEMENT OF INTENTION TO GRANT	EFFECTIVE DATE : 20150619
EP1819251 A2	20160120	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : FG4D
EP1819251 A2	20160129	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP1819251 A2	20160210	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D
EP1819251 A2	20160215	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : AT REF LEGAL EVENT CODE : REF REF DOCUMENT NUMBER : 771299 COUNTRY OF REF DOCUMENT : AT KIND CODE OF REF DOCUMENT : T DESIGNATED STATE(S) : EFFECTIVE DATE : 20160215
EP1819251 A2	20160303	LSPB	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R096 REF DOCUMENT NUMBER : 602005048369 COUNTRY OF REF DOCUMENT : DE
EP1819251 A2	20160525	LSRV	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : LT REF LEGAL EVENT CODE : MG4D
EP1819251 A2	20160615	LSRV	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : AT REF LEGAL EVENT CODE : MK05 REF DOCUMENT NUMBER : 771299 COUNTRY OF REF DOCUMENT : AT KIND CODE OF REF DOCUMENT : T DESIGNATED STATE(S) : EFFECTIVE DATE : 20160120
EP1819251 A2	20160630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : NL NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : ES NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120

EP1819251 A2	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : GR NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160421
EP1819251 A2	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : IT NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : FI NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LT NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : PL NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : IS NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160520
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : PT NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160520
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : AT NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : SE NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LV NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120

EP1819251 A2	20161021	LSRE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R097 REF DOCUMENT NUMBER : 602005048369 COUNTRY OF REF DOCUMENT : DE
EP1819251 A2	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : EE NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : DK NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : CZ NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : SK NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : RO NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20161228	LSGT	+26N	NO OPPOSITION FILED	EFFECTIVE DATE : 20161021
EP1819251 A2	20161230	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : BE NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20170131	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : DE PAYMENT DATE : 20161123 YEAR OF FEE PAYMENT : 12
EP1819251 A2	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : SI NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160120
EP1819251 A2	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : BG NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160420
EP1819251 A2	20170630	LSLE	REG	REFERENCE TO A	REF COUNTRY CODE : CH

				NATIONAL CODE	REF LEGAL EVENT CODE : PL
EP1819251 A2	20170726	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	REF COUNTRY CODE : EP EFFECTIVE DATE : 20161121
EP1819251 A2	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : CH NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20161130
EP1819251 A2	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LI NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20161130
EP1819251 A2	20170823	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : MM4A
EP1819251 A2	20170825	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST EFFECTIVE DATE : 20170731
EP1819251 A2	20170929	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LU NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20161130
EP1819251 B1	20160120	LSGT	+	granted / extensions (spc, cpc, pte)	
US2006248749 AA	20061109	LSPB	+	published / reissued	
US2008083140 AA	20080410	LSPB	+	published / reissued	
US2008086916 AA	20080417	LSPB	+	published / reissued	
US2009183387 AA	20090723	LSPB	+	published / reissued	
US2009183387 AA	20111122	LSWD	-EAB1	Expressly Abandoned -- During Examination	
US2009199429 AA	20090813	LSPB	+	published / reissued	
US2012174434 AA	20120712	LSPB	+	published / reissued	
US2012210603 AA	20120823	LSPB	+	published / reissued	
US2012224819 AA	20120906	LSPB	+	published / reissued	
US2012226353 AA	20120906	LSPB	+	published / reissued	
US2013146407 AA	20130613	LSPB	+	published / reissued	
US2013152282 AA	20130620	LSPB	+	published / reissued	
US2013152282 AA	20130221	LSAS	AS	ASSIGNMENT	OWNER NAME : MOLECULAR SYSTEMS CORPORATION, MICHIGAN DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:WILLIAMS, JEFFREY S.; BRAHMASANDRA, SUNDU; KUSNER, MICHAELT.; REEL/FRAME:029849/0096 EFFECTIVE DATE : 20130221
US2013153346 AA	20130620	LSPB	+	published / reissued	
US2013157003 AA	20130620	LSPB	+	published / reissued	
US2013160322 AA	20130627	LSPB	+	published / reissued	
US2014331523 AA	20141113	LSPB	+	published / reissued	
US2014345163 AA	20141127	LSPB	+	published /	

US2015189944 AA	20150709	LSPB	+	reissued published / reissued		
US2015250250 AA	20150910	LSPB	+	published / reissued		
US2015250250 AA	20170516	LSFE	+PPR1	Publications -- Issue Fee Payment Received		
US2015250250 AA	20170517	LSFE	+PPV1	Publications -- Issue Fee Payment Verified		
US2017245584 AA	20170831	LSPB	+	published / reissued		
US8141276 BB	20120327	LSGT	+	granted / extensions (spc, cpc, pte)		
US8141276 BB	20120307	LSGT	PAT1	Patented Case		
US8141276 BB	20120605	LSRE	CC	CERTIFICATE OF CORRECTION		
US8141276 BB	20150924	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4	
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US8256147 BB	20120904	LSGT	+	granted / extensions (spc, cpc, pte)		
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US8291618 BB	20121023	LSGT	+	granted / extensions (spc, cpc, pte)		
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US8494324 BB	20170119	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4	
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US8561323 BB	20131002	LSGT	PAT1	Patented Case		
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US8567095 BB	20131029	LSGT	+	granted / extensions (spc, cpc, pte)		
US8567095 BB	20131009	LSGT	PAT1	Patented Case		
US8567095 BB	20170501	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4	
US8732868 BB	20140527	LSGT	+	granted / extensions (spc, cpc, pte)		
US8732868 BB	20140507	LSGT	PAT1	Patented Case		
US8873914 BB	20141028	LSGT	+	granted / extensions (spc, cpc, pte)		
US8873914 BB	20141008	LSGT	PAT1	Patented Case		
US8873914 BB	20160524	LSRE	CC	CERTIFICATE OF CORRECTION		

US8925117 BB	20150106	LSGT	+	granted / extensions (spc, cpc, pte)	
US8925117 BB	20141217	LSGT	PAT1	Patented Case	
US8959804 BB	20150224	LSGT	+	granted / extensions (spc, cpc, pte)	
US8959804 BB	20150204	LSGT	PAT1	Patented Case	
US9107475 BB	20150818	LSGT	+	granted / extensions (spc, cpc, pte)	
US9107475 BB	20150729	LSGT	PAT1	Patented Case	
US9271538 BB	20160301	LSGT	+	granted / extensions (spc, cpc, pte)	
US9271538 BB	20151209	LSSES	+NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US9271538 BB	20160210	LSGT	PAT1	Patented Case	
US9339074 BB	20160517	LSGT	+	granted / extensions (spc, cpc, pte)	
US9339074 BB	20160419	LSFE	+PPV1	Publications -- Issue Fee Payment Verified	
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US9642411 BB	20170419	LSGT	PAT1	Patented Case	
US9681696 BB	20170620	LSGT	+	granted / extensions (spc, cpc, pte)	
US9681696 BB	20170531	LSGT	PAT1	Patented Case	
WO06058013 A2	20060601	LSPB	+	published / reissued	
WO06058013 A3	20070517	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 11719637 COUNTRY OF REF DOCUMENT : US
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WO06058013 A3	20080522	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2630817 COUNTRY OF REF DOCUMENT : CA
WO08013594 A2	20080131	LSPB	+	published / reissued	
WO08013594 A3	20081118	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 12301401 COUNTRY OF REF DOCUMENT : US
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WO08013594 A3	20091119	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2687650 COUNTRY OF REF DOCUMENT : CA

Title: **Shoe**, ankle orthosis and method for protecting the ankle

Abstract: Source: US6228043B An improved athletic **shoe**, ankle orthosis and method for protecting the ankle against injury, limit subtalar joint motion of the ankle by controlling the motions of segments of the subtalar joint fore and aft of the subtalar joint while permitting motion of the foot about the ankle joint. A supporting structure a part of or connected to the **shoe** or orthosis is preferably in the form of a **heel**-sole counter provided about the **heel** and at least a portion of the foot forward of the subtalar joint. The supporting structure has a semi-rigid shape retaining character which is not collapsible vertically and which together with the **shoe** or orthosis limits torsional movement of the foot about the longitudinal axis of the subtalar joint as seen in a top plan view thereof by an upwardly extending portion thereof which acts as a torsion bar that is, in turn, secured to the lower leg. Preferably, the torsion bar has directional properties for resisting bending which are most rigid in a direction orthogonal or nearly orthogonal to the longitudinal axis of the subtalar joint. In a disclosed embodiment of the **shoe** motion of the midtarsal joint is also limited by the supporting structure to aid in limiting subtalar joint motion and **shoe** rollover. The **shoe** is secured to the foot by way of a strap arrangement which applies a force to the foot in a direction which, together with the **heel**-sole counter opposes the subtalar joint motion in supination.

Classifications:

International (IPC 1-7): A43B5/00 A43B7/20 A61F5/00

CPC: A43B5/10 A43B7/20 A61F5/0111

European: A43B5/10 A43B7/20 A61F5/01D1D

US: 128/882 36/114 36/180 36/69 36/89 602/27 602/65



Family:

Publication number	Publication date	Application number	Application date
US6228043 BA	20010508	US19970896457	19970718
US6270468 BA	20010807	US20000606076	20000629
US6692454 BA	20040217	US20000606075	20000629

Priority:

US19970896457 19970718 US20000606075 20000629 US20000606076 20000629

Probable Assignee: ORQUEST INC

Assignee(s): MMC GATX PARTNERSHIP NO ; ORQUEST INC ; PFISTER HENRY E ; TOWNSEND BARRY W

Inventor(s): (std): PFISTER HENRY E ; TOWNSEND BARRY W

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US6228043 BA	20010508	LSGT	+	granted / extensions (spc, cpc, pte)	
US6228043 BA	20020415	LSAS	AS	ASSIGNMENT	OWNER NAME : MMC/GATX PARTNERSHIP NO. 1, CALIFORNIA DESCRIPTION : SECURITY INTEREST; ASSIGNOR:ORQUEST, INC.; REEL/FRAME:012775/0099 EFFECTIVE DATE : 20020221
US6228043 BA	20030121	LSAS	AS	ASSIGNMENT	OWNER NAME : ORQUEST INC., CALIFORNIA DESCRIPTION : TERMINATION OF SECURITY INTEREST IN PATENTS; ASSIGNORS:MMC/GATZ PARTNERSHIP NO.1; TRANSAMERICA TECHNOLOGY FINANCE CORPROATION, AS SUCCESSOR IN INTEREST TO TRANSAMERICA; REEL/FRAME:013678/0783 EFFECTIVE DATE : 20021218
US6228043 BA	20041104	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6228043 BA	20090508	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6228043 BA	20090608	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance	

US6228043 BA	20090630	LSLE	-FP	Fees Under 37 CFR 1.362 EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20090508
US6270468 BA	20010807	LSGT	+	granted / extensions (spc, cpc, pte)	
US6270468 BA	20050808	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6270468 BA	20090807	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6270468 BA	20090907	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6270468 BA	20090929	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20090807
US6692454 BA	20040217	LSGT	+	granted / extensions (spc, cpc, pte)	
US6692454 BA	20070823	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6692454 BA	20120217	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6692454 BA	20120319	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6692454 BA	20120410	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20120217

Title: Sport and obstruct-fair footwear

Abstract: Source: DE29907808U1 (Claim 1) 1. Behindertengerechter Schuh (1 a, 1 b, 1 c) mit einem an der Schuhsohle befestigten Schuhoberteil (7) und einer im Fersenbereich klappbar angelenkten Fersenformschale (1), durch welche der zum Passieren des Fusses beim An- oder Ausziehen des Schuhs zur Verfügung stehende Öffnungsbereich (14) vergrößerbar ist, dadurch gekennzeichnet.

Machine translation: (Claim 1) 1. Obstruct-fair **shoe** (1 A, 1 b, 1K) marked by a **shoe** upper section (7), fastened to the sole, and a **heel** cast shell (1), hinged linked within the **heel** range, by which the opening range (14), for passing the foot when the on or taking the **shoe** off the available, is increasable, thereby.

Classifications:

International (IPC 8-9): A43B11/00 A43B23/02

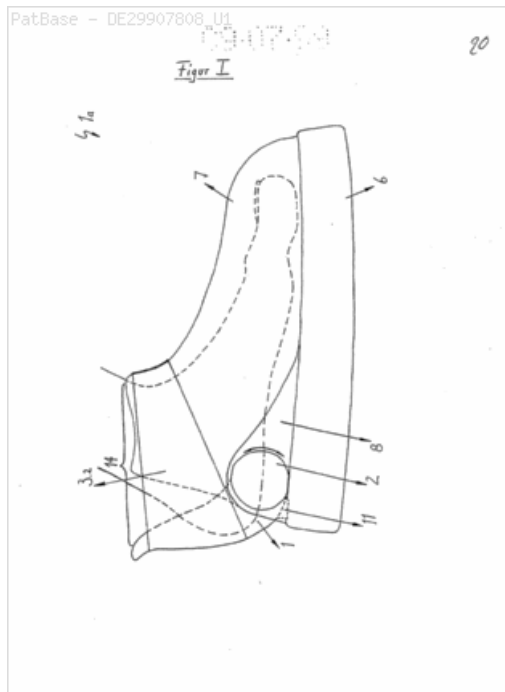
A43B7/20 (Advanced/Invention);

A43B11/00 A43B23/02 A43B7/14 (Core/Invention)

International (IPC 1-7): A41D13/06 A41D13/12 A43B11/00 A43B7/00

CPC: A43B11/00 A43B5/048 A43B7/20 A43B23/0245

European: A43B11/00 A43B23/02 A43B5/04E34 A43B7/20



Family:

Publication number	Publication date	Application number	Application date
DE29907808 U1	19990909	DE19992007808U	19990428

Priority:

DE19992007808U 19990428

Probable Assignee:

RULOFF DANIEL

Assignee(s): (std):

RULOFF DANIEL

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE29907808 U1	19990909	LSGT	+	granted / extensions (spc, cpc, pte)	
DE29907808 U1	19991014	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 19991014
DE29907808 U1	20030213	LSLE	-R156	LAPSE OF IP RIGHT AFTER 3 YEARS	EFFECTIVE DATE : 20021031

Title: A FOOTWEAR HAVING A DEFORMABLE INSOLE SUITABLE FOR ADAPTING ITSELF TO THE WEARER'S FOOT-SOLE SHAPE

Abstract: Footwear with uppers (A) and a lower support part (1) for the wearer's foot connected to the aforementioned uppers, said part (1) consisting of a sole (2) on which a wedge (3) is placed, accommodating at least one internal insole (6) or midsole that comes into contact with the wearer's foot; means that yield under the wearer's weight are incorporated beneath at least part of the insole in the support part (1), these means allowing deformation of the insole such that the latter permanently takes on the specific shape of the foot sole of the person wearing the **shoe**.

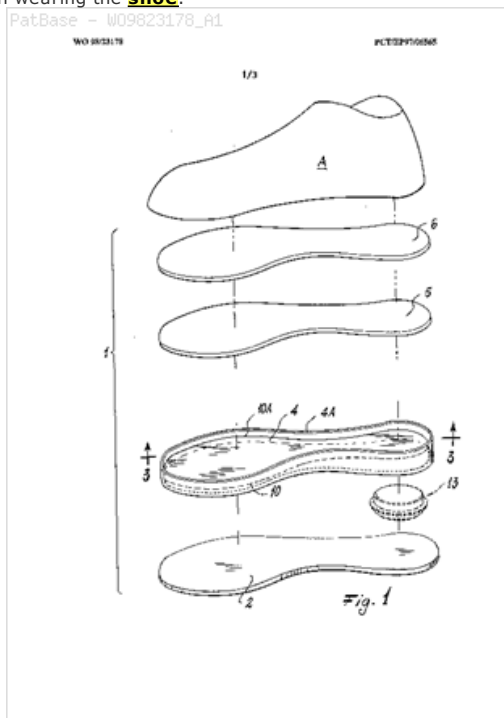
Classifications:

International (IPC 8-9): A43B13/12 A43B13/18 A43B13/26 A43B21/26 A43B7/28 (Advanced/Invention); A43B13/18 A43B21/26 A43B7/28 (Advanced/Non-invention); A43B13/02 A43B13/14 A43B13/18 A43B21/00 A43B7/14 (Core/Invention)

International (IPC 1-7): A43B13/18 A43B13/26 A43B21/26 A43B7/28

CPC: A43B21/26 A43B7/28 A43B13/12 A43B13/187

European: A43B13/12 A43B13/18F A43B21/26 A43B7/28



Family:

Publication number	Publication date	Application number	Application date
AU199857511 A1	19980622	AU19980057511	19971125
BRPI9707314 A	19990413	BR1997PI07314	19971125
CA2244246 AA	19980724	CA19972244246	19971125
CN1211901 A	19990324	CN19971091894	19971125
CZ9802608 A3	19990113	CZ19980002608	19971125
EP0883352 A1	19981216	EP19970953696	19971125
IL125345 A0	20010226	IL19970125345	19971125
IT1286411 B1	19980708	IT1996MI02479	19961127
ITMI962479 A0	19961127	IT1996MI02479	19961127
ITMI962479 A1	19980527	IT1996MI02479	19961127
JP2000501329 T2	20000208	JP19980524270T	19971125
KR19990087039 A	19991215	KR19980705781	19971125
NO983436 A	19980924	NO19980003436	19980724
NO983436 A0	19980724	NO19980003436	19980724
SK113398 A3	19990413	SK19980001133	19971125
WO9823178 A1	19980604	WO1997EP06565	19971125

Priority:

IT1996MI02479 19961127 WO1997EP06565 19971125

Probable Assignee: FILA SPORT

Assignee(s): (std): FILA SPORT SPA ; MANFREDI NATALE ; FILA SPORT

Assignee(s): FILA SPORT S P A ; NATALE MANFREDI

Inventor(s): (std): MANFREDI NATALE ; NATALE MANFREDI

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; ROBIC

Designated states: AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GR IE IL IT JP KR LU MC NL NO PT SE SG SI SK US

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU199857511 A1	20010222	LSLE	-MK5	APPLICATION LAPSED SECTION 142(2)(E) - PATENT REQUEST AND COMPL. SPECIFICATION NOT ACCEPTED	
BRPI9707314 A	19990413	LSPB	+	published / reissued	
BRPI9707314 A	20020521	LSRV	-FA8	DISMISSAL: DISMISSAL - ARTICLE 36, PAR. 1 OF INDUSTRIAL	

PROPERTY LAW					
CA2244246 AA	19980724	LSPB	+	published / reissued	
CA2244246 AA	19990126	LSES	+EEER	EXAMINATION REQUEST	
CA2244246 AA	20001127	LSLE	-FZDE	DEAD	
CN1211901 A	19990324	LSPB	+	published / reissued	
CN1211901 A	19990324	LSPB	+C06	PUBLICATION	
CN1211901 A	20010307	LSDW	-C01	DEEMED WITHDRAWAL OF PATENT APPLICATION (PATENT LAW 1993)	
CZ9802608 A3	19990113	LSPB	+	published / reissued	
EP0883352 A1	19981216	LSPB	+	published / reissued	
EP0883352 A1	19981216	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19980722
EP0883352 A1	20000202	LSWD	-18W	WITHDRAWN	WITHDRAWEL DATE : 19991122
EP0883352 A1	20050624	LSWD	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : HK REF LEGAL EVENT CODE : WD REF DOCUMENT NUMBER : 1015229 COUNTRY OF REF DOCUMENT : HK
IT1286411 B1	19980708	LSGT	+	granted / extensions (spc, cpc, pte)	
IT1286411 B1	19980708	LSGT	0001	GRANTED	
ITMI962479 A1	19980527	LSPB	+	published / reissued	
JP2000501329 T2	20000208	LSPB	+	published / reissued	
KR19990087039 A	19991215	LSPB	+	published / reissued	
NO983436 A	19980924	LSPB	+	published / reissued	
SK113398 A3	19990413	LSPB	+	published / reissued	
WO9823178 A1	19980604	LSPB	+	published / reissued	
WO9823178 A1	19980722	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 1997953696 COUNTRY OF REF DOCUMENT : EP
WO9823178 A1	19980724	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2244246 COUNTRY OF REF DOCUMENT : CA
WO9823178 A1	19980724	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : CA REF DOCUMENT NUMBER : 2244246 KIND CODE OF REF DOCUMENT : A FORMAT OF REF DOCUMENT (F/P) : F
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WO9823178 A1	20061105	LSRV	-WWR	WIPO INFORMATION: REFUSED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : PV1998-2608 COUNTRY OF REF DOCUMENT : CZ

Title: STABLE **SHOE** SYSTEMS

Abstract: Athletic **shoes**, including mid-soles (42, 60, 81, 90, 97) are disclosed, the mid-soles include independent and selectively shaped cells in cushioning units (45, 50, 70, 75, 80), said cells containing unpressurized air. The cells not only act to stabilize the foot, but also to provide cushioning to protect the runner.

Classifications:

International (IPC 8-9): A43B13/20 A43B21/28

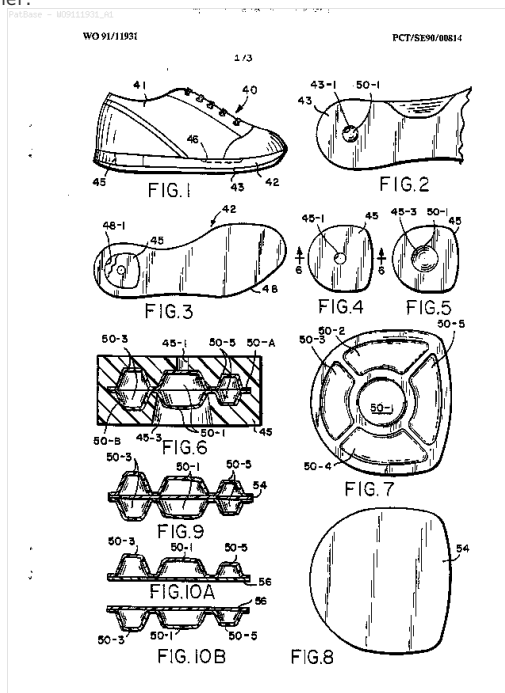
A43B5/00 (Advanced/Invention);

A43B13/18 A43B21/00 A43B5/00 (Core/Invention)

International (IPC 1-7): A43B13/20 A43B21/28 A43B5/00

CPC: A43B21/28 A43B13/20

European: A43B13/20 A43B21/28



Family:

Publication number	Publication date	Application number	Application date
EP0515440 A1	19921202	EP19910903678	19901210
JP5503865 T2	19930624	JP19910503840T	19901210
KR19927002950 A	19921217	KR19927001751	19901210
WO9111931 A1	19910822	WO1990SE00814	19901210

Priority:

US19900480728 19900216 WO1990SE00814 19901210

Probable Assignee: TRETORN AB

Assignee(s): (std): TRETORN AB

Inventor(s): (std): MOCHEN RICHARD ; DOYLE DAVID ; CHAPMAN STEVEN ; BOGATY ROBERT

Designated states: AT BE CH DE DK ES FR GB GR IT JP KR LI LU NL SE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP0515440 A1	19921202	LSPB	+	published / reissued	
EP0515440 A1	19921202	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19920810
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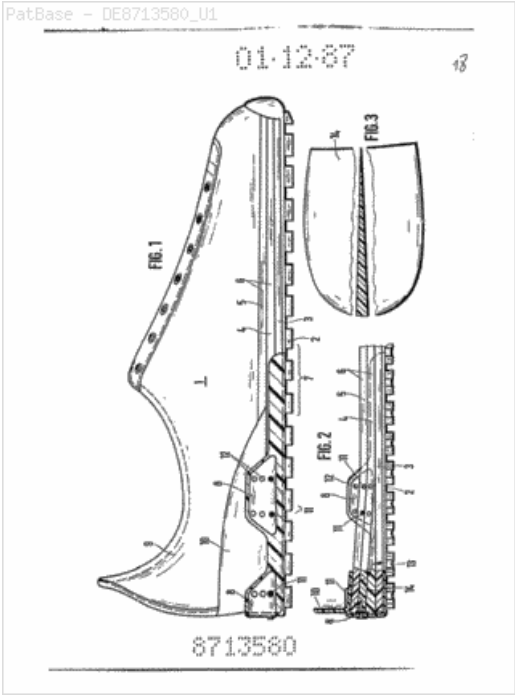
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NUMBER :
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COUNTRY OF REF
DOCUMENT : EP

Abstract: Source: DE8713580U1 (Claim 1) 1. Schuh, insbesondere Sportschuh oder Schuh fuer medizinische Zwecke, mit einer Laufsohle und einer zwischen der Laufsohle und dem Schaft angebrachten Zwischensohle, sowie mit Mitteln zur gezielten Einstellung der pirate und damit der Daempfung der Sohle zumindest i ! P Fprsenbereich, dadurch gekennzeichnet, dass die Laufsohle (2) zumindest ab dem Gelenkbereich (7) nach hinten bis zur Ferse von der Zwischensohle (6) oder einem Teil der Zwischensohle (6) trennbar unoe wieder befestigbar ausgebildet ist und dass in den beim Loesen der Laufsohle (2) sich bildenden Zwischenraum (13) ein sich ueber die gesamte Trennflaeche erstreckendes, einoder mehrteiliges Daempfungsteil (14) aus elastisch nachgiebigem Material austauschbar einsetzbar ist.

Machine translation: (Claim 1) 1 **Shoe**, especially sport **shoe** or **shoe** for medical purposes, with one sole and one between the outsole and midsole attached to the shaft, and having means for selective adjustment of the pirate and so the cushioning of the sole, at least i! P Fprsenbereich, characterized in that the sole (2) at least from the joint area (7) back to the **heel** of the midsole (6) or a portion of the midsole (6) separated unoe again formed fastened and that in the solve the sole (2) forming the intermediate compartment (13) one extending itself over the entire Trennflaeche, single-or multi-part Daempfungsteil (14) of resiliently **flexible** material is used interchangeably.

Classifications:
International (ipc 8-9): A43B13/18 A43B13/36 A43B21/26 (Advanced/Invention);
A43B13/00 A43B13/18 A43B21/00 (Core/Invention)
International (ipc 1-7): A43B5/00 A43B7/32
CPC: A43B13/187 A43B13/36 A43B21/26
European: A43B13/18F A43B13/36 A43B21/26



Family:

Publication number	Publication date	Application number	Application date
DE8713580 U1	19890202	DE19870013580U	19871009

Priority:

DE19870013580U 19871009

Probable Assignee: PUMA AG RUDOLF DASSLER SPORT 8522 HERZOGENAURACH DE

Assignee(s): PUMA AG RUDOLF DASSLER SPORT 8522 HERZOGENAURACH D ; PUMA AG RUDOLF DASSLER SPORT 8522 HERZOGENAURACH DE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE8713580 U1	19890202	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Orthotically dynamic footwear

Abstract: Source: US4305212A A **shoe** incorporating dynamic Orthotic means which adapt to the foot in a prescribed manner, controlling **heel** "strike" and weight bearing loads, establishing a cup-shape to "catch" the **heel** and foot to stabilize it, balancing and maintaining the sub-talar joint in a neutral attitude and the mid-tarsal joint locked, enabling the foot and ankle to maintain optimum integrity as an efficient support and propulsion system, and resisting the symptomatic tendency for the sub-talar joint and foot to overcompensate and overstress the **anatomy**.

Classifications:

International (IPC 8-9): A43B13/14 A43B13/18

A43B13/20 (Advanced/Invention);

A43B13/14 A43B13/18 (Core/Invention)

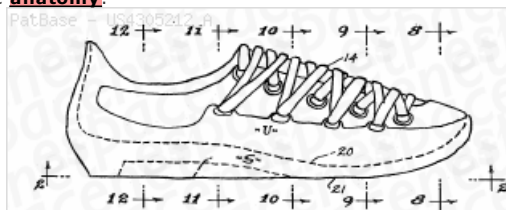
International (IPC 1-7): A43B13/20 A43B13/38 A43B21/36

A43B23/08

CPC: A43B13/14 A43B13/181 A43B13/20

European: A43B13/14 A43B13/18A A43B13/20

US: 36/29 36/44 36/69 36/80



Family:

Publication number	Publication date	Application number	Application date
US4305212 A	19811215	US19780940569	19780908

Priority:

US19780940569 19780908

Probable Assignee:

COOMER SVEN O

Assignee(s): (std):

COOMER SVEN O

Inventor(s): (std):

COOMER SVEN O

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US4305212 A	19811215	LSGT	+	granted / extensions (spc, cpc, pte)	
US4305212 A	19820316	LSGT	PAT1	Patented Case	

Title: Shock diffusing, performance-oriented **shoes**

Abstract: Source: US6205683B A combination insole board includes a shock diffusion plate for diffusing the shock of a **heel** strike and for providing torsional stiffness in the **heel** and midfoot areas and includes a **flexible** material in the forepart of the insole board. The semi-rigid shock diffusion shock diffusion plate is engineered with a contour which loosely correlates to the foot morphology. At least two alternative **shoe** construction methodologies may be used for incorporating a combination insole board into a **shoe** according to the present invention. In a first embodiment, the shock diffusion plate is attached to the **flexible** forepart to form the combination insole board. In this embodiment, the combination insole board is tacked to a shoemaker's last either mechanically or adhesively, an upper having a sufficient lasting margin extending beyond the feather edge is pulled over the last and the lasting margin is attached to the combination insole board with a suitable adhesive. In a second embodiment, an upper having a lasting margin only in the **heel** and midfoot areas is Strobel stitched to the **flexible** material along the feather edge, the shock diffusion plate is adhered to the last, the last is inserted into the upper, and the lasting margin is attached to the shock diffusion plate with adhesive. After attaching the upper to the insole board, a midsole and outsole are added, and an orthotic which conforms **anatomically** to the shape of the bottom of the foot and which is preferably more closely contoured to the morphology of the foot than the shock diffusion plate may be added. A **shoe** made according to either of these methods disperses the force of a **heel** strike to significantly reduce cumulative underfoot pressures.

Classifications:

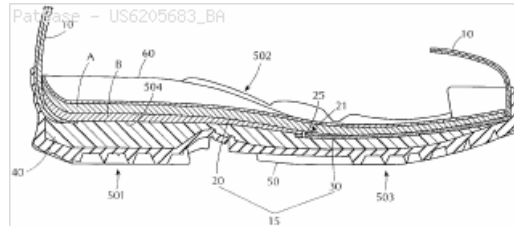
International (IPC 8-9): A43B13/12 A43B13/14 (Advanced/Invention);
A43B13/02 A43B13/14 (Core/Invention)

International (IPC 1-7): A43B13/12 A43B13/14

CPC: A43B13/12 A43B13/14

European: A43B13/12 A43B13/14

US: 36/102 36/107 36/114 36/300R 36/30R 36/31



Family:

Publication number	Publication date	Application number	Application date
US6205683 BA	20010327	US19970866473	19970530

Priority:

US19970866473 19970530

Probable Assignee: TIMBERLAND CO

Assignee(s): (std): TIMBERLAND CO

Assignee(s): THE TIMBERLAND COMPANY

Inventor(s): (std): BOYER JOSEPH D ; CLARK DOUGLAS E ; ROUX STEPHEN R ; SCHUETTE LEE A ; TODTFELD BRUCE N

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US6205683 BA	20010327	LSGT	+	granted / extensions (spc, cpc, pte)	
US6205683 BA	19971205	LSAS	AS	ASSIGNMENT	OWNER NAME : TIMBERLAND COMPANY, THE, NEW HAMPSHIRE DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:CLARK, DOUGLAS E.; BOYER, JOSEPH D.; TODTFELD, BRUCE N.; AND OTHERS; REEL/FRAME:008839/0141; SIGNING DATES FROM 19970821 TO 19970904
US6205683 BA	20010309	LSGT	PAT1	Patented Case	
US6205683 BA	20040927	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6205683 BA	20080918	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US6205683 BA	20120920	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12

Title: CALZADO **ANATOMICO** FUNCIONAL PERFECCIONADO

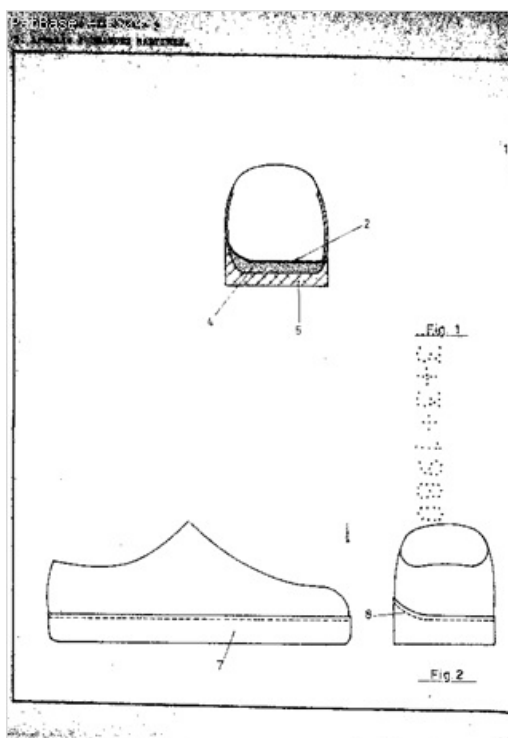
Abstract: Source: ES249332U 1.Calzado **anatomico** funcional perfeccionado, caracterizado esencialmente porque el casco o piso esta confeccionado en goma vulcanizada, poliuretanos o derivados de caucho o productos sinteticos que permite una gran flexibilidad y facilidad de adaptacion a todos los accidentes del terreno, prestando una gran estabilidad y seguridad de marcha. Este piso cuenta con un estrato que actua como elemento aislante termico y antihumidificante, es estanco y esta relleno de materiales organicos o inorganicos, segun utilizacion. Este estrato o compartimento esta superiormente confinado por una membrana adaptable al calzado o pie, e inferiormente lo cierra el casco **flexible** en contacto con el suelo. 2.Calzado **anatomico** funcional perfeccionado, de acuerdo con la reivindicacion anterior, caracterizado esencialmente porque para servir de elementos reforzado entre los dos estratos que configuran el piso o casco se ha previsto un tornillo de enclavamiento que se introduce por la parte del talon y une ambos estratos del piso. 3.Calzado **anatomico** funcional perfeccionado, de acuerdo con la reivindicacion anterior, caracterizado con la reivindicacion anterior, caracterizado esencialmente porque por la parte interior de cada pie, y en la zona semiperiferica de los mismo, se ha previsto un recrescimiento gradual o refuerzo **anatomico**, de diseno segun criterios fisiologicos de efecto beneficiosos con vistas al descanso de estos miembros. 4.Calzado **anatomico** funcional perfeccionado. 1.Calzado improved functional **anatomical**, characterized essentially because the hull or floor is made of vulcanized gums, polyurethanes or derivatives or synthetic rubber products it allows great flexibility and ease of adaptation to all the terrain, providing a great stability and driving safety. This apartment has a strict that acts as a thermal insulator and antihumidificante is waterproof and is filled with organic or inorganic materials, depending on use. This layer or compartment is superiorly confined by a membrane adaptable **shoe** or foot, and below the **flexible** hull close contact with the ground. 2.Calzado functional **anatomical** perfected according to the previous claim, essentially characterized serving reinforced between the two layers that form the hull or floor elements is provided a locking screw that is inserted through the **heel** part and connects both floor strata. 3.Calzado functional **anatomical** perfected according to the preceding claim, characterized by the previous claim, essentially characterized by the inside of each foot, and the semi-peripheral area of the same, is provided a reinforcement gradual regrowth or **anatomical**. Designing according to criteria beneficial physiological effect overlooking the rest of these members. 4.Calzado functional **anatomical** perfected.

Classifications:

International (IPC 8-9): A43B7/28 (Advanced/Invention);

A43B7/14 (Core/Invention)

International (IPC 1-7): A43B7/28



Family:

Publication number	Publication date	Application number	Application date
ES249332 U	19800601	ES19800249332U	19800313
ES249332 Y	19801201	ES19800249332U	19800313

Priority:

ES19800249332U 19800313

Probable Assignee: FERNANDEZ MARTINEZ ARMANDO

Assignee(s): FERNANDEZ MARTINEZ ARMANDO ; GIL SINAGA FRANCISCO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES249332 U	19800601	LSPB	+	published / reissued	
ES249332 Y	19801201	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Laufschuh Run **shoe** (Machine translation)

Abstract: Source: DE20107343U1 (Claim 1) Laufschuh aus elastischem Sohlenmaterial (1), je nach Ausfuehrung mit Luftkissen, Fluessigkeit, Gel, Zellen, Torsionselementen eingearbeitet, mit elastischen Gelenkstellen (7) versehen und im unteren, also laufsohlenseitigen Randbereich (R) entlang, Versteifungen (3) vorgesehen sind, zum Erhalt der Sohlenkruemmung bei der Gehbela- stung, ohne die elastische Nachgiebigkeit nennenswert einzuschaerfen, mit einer dicksten Stelle annaeherd lotrecht zum Fussgelenk (4) und einer durchgehenden Sohlenkruemmung (R) in ihrer Abrollrichtung, dadurch gekennzeichnet, dass der Radius (R) der Versteifung (3) und der Sohlenkruemmung (R), hauptsaechlich zwischen Ferse (B) und Ballen (I), der Huertgelenkhoehe entspricht und die Versteifung (3) auf der oberen Seite flach oder **anatomisch** geformt (11) ist und die Versteifung (3) formstabil und flexibel ist.

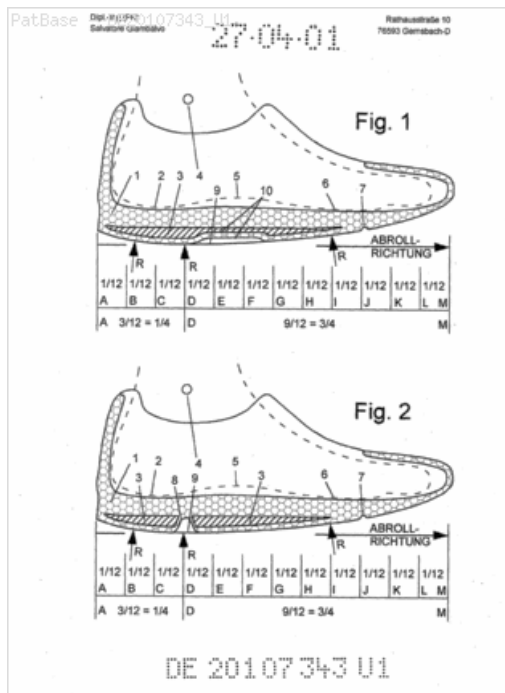
Machine translation: (Claim 1) run **shoe** from **flexible** bed material (1), depending upon execution with air cushion, liquid, gel, cells, torsion elements trained, with **flexible** joint places (7) provided and in the lower, thus run-resole-lateral boundary region (R) along, reinforcements (3) it is intended, for the receipt of the sole curvature with the Gehbela stung, without limiting the **flexible** indulgence considerably, by a thickest place approximately perpendicularly for the foot joint (4) and continuous sole curvature (R) in their unreeling direction, by the fact marked that the radius (R) of the reinforcement (3) and the sole curvature (R), mainly between **heel** (B) and bundle (I), and the reinforcement (3) on the upper side corresponds to the hip joint height (11) is form stable and **flexible** flat or **anatomically** formed and the reinforcement (3) is.

Classifications:

International (IPC 1-7): A43B13/18 A43B5/06 A43B7/32

CPC: A43B13/026 A43B13/12 A43B13/141 A43B13/143 A43B13/145 A43B13/148 A43B13/187 A43B13/189 A43B13/20

European: A43B13/02C A43B13/12 A43B13/14F A43B13/14W A43B13/14W2 A43B13/14W4 A43B13/14W6 A43B13/18F A43B13/18G A43B13/20



Family:

Publication number	Publication date	Application number	Application date
DE20107343 U1	20010719	DE20012007343U	20010427

Priority:

DE20012007343U 20010427

Probable Assignee:

GIAMBALVO SALVATORE

Assignee(s): (std):

GIAMBALVO SALVATORE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE20107343 U1	20010719	LSGT	+	granted / extensions (spc, cpc, pte)	
DE20107343 U1	20010427	LSLI	R086	NON-BINDING DECLARATION OF LICENSING INTEREST	
DE20107343 U1	20010823	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 20010823
DE20107343 U1	20050217	LSLE	-R156	LAPSE OF IP RIGHT AFTER 3 YEARS	EFFECTIVE DATE : 20041103

Title: NUEVO ZAPATO **FLEXIBLE**.

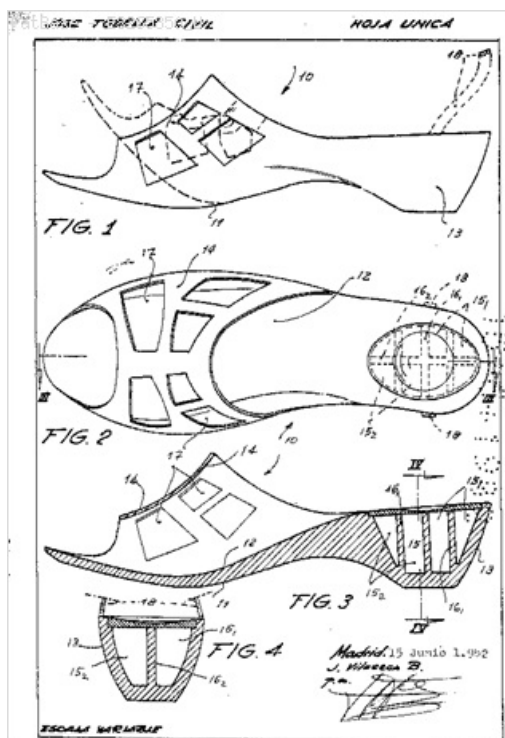
Abstract: Source: ES265850U Nuevo zapato **flexible**, caracterizado esencialmente por el hecho de comprender una unidad de zapato enteriza, obtenida por inyeccion/modelo integral de su conjunto tanto de su suela, planta de apoyo y tacon, como de los medios de retencion del zapato en relacion con el pie que constituyen un solo conjunto enterizo, con la particularidad adicional de que dicha unidad es de material **flexible** y resistente y esta conformado, tanto longitudinal como transversalmente, para adaptarse **anatomicamente** a las características del pie y ello no solo en cuanto se refiere a los medios de retencion del pie que se proyectan a partir de dicha planta, de modo que, tanto en seccion como longitudinalmente, estan adaptados a las curvaturas y configuracion **anatomica** del empeine del pie y asimismo, en su caso, de la configuracion de parte del talon y calcanar del pie. New **Flexible shoe**, essentially characterized in that it comprises a unit integrally **shoe**, obtained by injection / integral model of its whole both sole and **heel** support plant, and the means of retention of the **shoe** in relation foot forming a single integral assembly, with the additional particularity that the unit is **flexible** and resistant material and is formed, both longitudinally and transversely, to adapt **anatomically** to the characteristics of the foot and not just as it relates to The retaining means projecting foot from the plant, so that, in section and longitudinally, are adapted to the curvatures and **anatomical** configuration of the instep and also, where appropriate, the settings of the calcanar **heel** and foot.

Classifications:

International (IPC 8-9): A43B3/00 (Advanced/Invention);

A43B3/00 (Core/Invention)

International (IPC 1-7): A43B3/00



Family:

Publication number	Publication date	Application number	Application date
ES265850 U	19830201	ES19820265850U	19820615
ES265850 Y	19830716	ES19820265850U	19820615

Priority:

ES19820265850U 19820615

Probable Assignee:

TOBELLA CIVIL JOSE

Assignee(s):

TOBELLA CIVIL JOSE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES265850 U	19830201	LSPB	+	published / reissued	
ES265850 U	20000716	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 20000503
ES265850 U	20000716	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 20000503
ES265850 Y	19830716	LSGT	+	granted / extensions (spc, cpc, pte)	

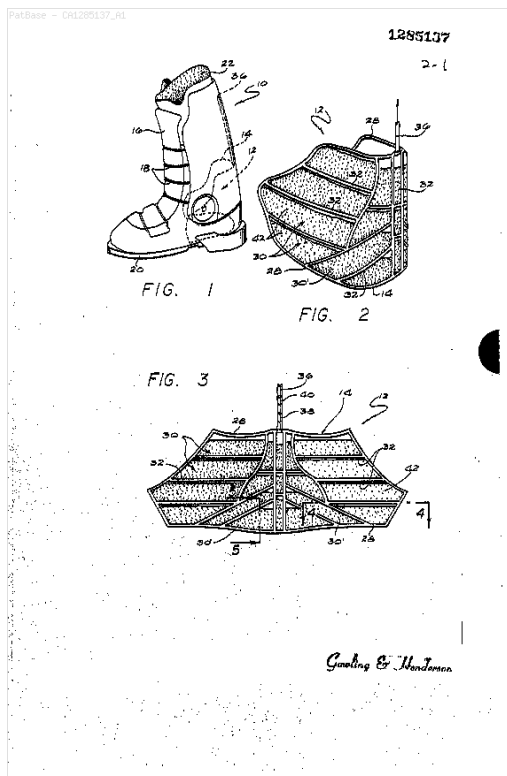
Title: SPORTS BOOT FOR SKIERS AND THE LIKE

Abstract: Source: CA1285137A SPORTS BOOT FOR SKIERS AND THE LIKE An improved sports boot (10) is provided for use by snow skiers and the like, wherein the boot includes an improved boot liner (12) interposed between a substantially rigid outer boot shell (16) and the foot and lower leg region of a skier. The boot liner (12) is defined by **flexible** sheet material extending about selected **anatomical** zones of the skier's foot and lower leg region to define a plurality of low vertical dimension and partially filled with a metered quantity of substantially uniform sized particulate (42). The boot liner (12) further includes a plurality of small chambers, with one of said chambers communicating with a main air discharge tube (36). When the skier's foot and lower leg region are received into the boot shell (16) and boot liner (2), and boot buckles (18) or the like are closed, the particulate filled chambers (30) are pressed against the skier's foot and lower leg region to force air to exhaust substantially from the chambers, thereby causing the individual chambers to assume a substantially rigid yet comfortable configuration in close conformance with the shape of the skier's foot and lower leg region. As a result, improved mechanical coupling is achieved with respect to the rigid boot shell (16), for a correspondingly improved mechanical coupling with a ski attached to the boot (10).

Classifications:

International (IPC 8-9): A43B5/04 A43B7/14 (Advanced/Invention);
A43B5/04 A43B7/14 (Core/Invention)

International (IPC 1-7): A43B5/04 A43B7/14

**Family:**

Publication number	Publication date	Application number	Application date
CA1285137 A1	19910625	CA19880558545	19880210

Priority:

CA19880558545 19880210

Probable Assignee:

SFF INC

Assignee(s): (std):

SFF INC

Assignee(s):

SISCO HUGH D

Inventor(s): (std):

SISCO HUGH D

Agent(s):

GOWLING LAFLEUR HENDERSON LLP

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CA1285137 A1	19910625	LSGT	+	granted / extensions (spc, cpc, pte)	
CA1285137 A1	19951225	LSLE	-MKLA	LAPSED	

Abstract: Source: US5832634A Footwear, in particular sports footwear, which includes a vamp associated with a substantially flat foot-supporting lower part or sole unit. This latter comprises at least one portion formed of woven composite material having a part positioned in correspondence with the metatarsal region of the user's foot and a part positioned corresponding with the arch region of the user's foot, wherein the part of the portion present in the metatarsal region is **flexible** and enables the sole unit to **flex** during the use of the footwear and wherein part of the portion present in the plantar arch region is rigid.

International (IPC 8-9): A43B13/00 A43B13/02 A43B13/04
A43B13/12 A43B13/14 A43B13/16 A43B13/18 A43B5/00 A43D21/00
A43D25/06 A43D86/00 (Advanced/Invention);
A43B13/00 A43B13/14 A43B5/00 (Advanced/Non-invention);
A43B13/00 A43B13/02 A43B13/14 A43B13/18 A43B5/00 A43D21/00
A43D25/00 A43D86/00 (Core/Invention)

CPC: A43B5/049 A43B13/026 A43B13/04 A43B13/12 A43B13/16
A43B13/187 A43B13/32 A43B13/37

US: 12/146.00S 12/146B 12/146M 12/146S 36/107 36/108 36/30R
36/31 36/91

Publication number	Publication date	Application number	Application date
AR004856 AA	19990310	AR1996P105495	19961204
AU199674158 A1	19970612	AU19960074158	19961204
AU709595 B2	19990902	AU19960074158	19961204
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CA2191992 AA	19970604	CA19962191992	19961203
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CZ9603553 A3	19971217	CZ19960003553	19961204
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IT1277026 B1	19971104	IT1995MI02540	19951204
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ITMI952540 A1	19970604	IT1995MI02540	19951204
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MA24022 A1	19970701	MA19960024411	19961202
NO965163 A	19970605	NO19960005163	19961203
NO965163 A0	19961203	NO19960005163	19961203
NZ299871 A	19980626	NZ19960299871	19961203
PL317316 A1	19970609	PL19960317316	19961204
RU96122856 A	19990210	RU19960122856	19961203
SG47200 A1	19980320	SG19960011517	19961204
SK155196 A3	19980114	SK19960001551	19961204
TH33042 A	19990527	TH19961004181	19961203
TNSN96150 A1	19980319	TN1996SN00150	19961203
TNSN96150 A1	19981231	TN1996SN00150	19961203
TW339264 B	19980901	TW19960114893	19961203
US5832634 A	19981110	US19960711659	19960909
US5918338 A	19990706	US19980006007	19980112
ZA9610189 A	19970617	ZA19960010189	19961204

CA19962191992 19961203	IS19960004393 19961204	US19960711659 19960909
US19980006007 19980112	IT1995MI02540 19951204	WO1995IT02540 19951204

Assignee(s): (std): CLOBALSPORTS TECHNOLOGIES INC ; GLOBAL SPORTS TECH INC ; FILA SPORT ; GLOBAL SPORTS
TECHNOL INC ; GLOBAL SPORTS TECHNOLOGIES

PatBase PDF Export - Page: 111 30/10/2017

CONGRESS FINANCIAL CORP ; FILA LUXEMBOURG RL SA ; FILA LUXEMBOURG SARL

Inventor(s): (std): WONG KING C ; WONG KING CHEE ; WAN KIN CHII ; KING CHEEWONG ; KING CHEE WONG

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; ROBIC

Designated states: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AR004856 AA	19990310	LSPB	+	published / reissued	
BRPI9605846 A	19980825	LSPB	+	published / reissued	
BRPI9605846 A	20010821	LSRV	-FA14	DISMISSAL: DISMISSAL - ARTICLE 34 OF INDUSTRIAL PROPERTY LAW	
CA2191992 AA	19970604	LSPB	+	published / reissued	
CA2191992 AA	20011203	LSLE	-FZDE	DEAD	
CO4650026 A1	19980903	LSPB	+	published / reissued	
CZ9603553 A3	19971217	LSPB	+	published / reissued	
EG20964 A	20000730	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0777982 A1	19970611	LSPB	+	published / reissued	
EP0777982 A1	19980107	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19971030
EP0777982 A1	19990512	LSSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19990326
EP0777982 A1	20001227	LSWD	-18W	WITHDRAWN	WITHDRAWEL DATE : 20001030
EP0777982 A1	20050715	LSWD	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : HK REF LEGAL EVENT CODE : WD REF DOCUMENT NUMBER : 1010972 COUNTRY OF REF DOCUMENT : HK
HR960572 A2	19980630	LSPB	+	published / reissued	
HU9603346 AA	19971229	LSPB	+	published / reissued	
IS4393 A	19970605	LSPB	+	published / reissued	
IT1277026 B1	19971104	LSGT	+	granted / extensions (spc, cpc, pte)	
IT1277026 B1	19971104	LSGT	0001	GRANTED	
ITMI952540 A1	19970604	LSPB	+	published / reissued	
JP9271404 A2	19971021	LSPB	+	published / reissued	
KR19970032532 A	19970722	LSPB	+	published / reissued	
MA24022 A1	19970701	LSPB	+	published / reissued	
NO965163 A	19970605	LSPB	+	published / reissued	
NO965163 A	20010430	LSRV	-FC2A	WITHDRAWAL, REJECTION OR DISMISSAL OF LAID OPEN PATENT APPLICATION	
NZ299871 A	19980626	LSPB	+	published / reissued	
PL317316 A1	19970609	LSPB	+	published / reissued	
RU96122856 A	19990210	LSPB	+	published / reissued	

SG47200 A1	19980320	LSPB	+	published / reissued	
SK155196 A3	19980114	LSPB	+	published / reissued	
TH33042 A	19990527	LSPB	+	published / reissued	
TNSN96150 A1	19980319	LSPB	+	published / reissued	
TNSN96150 A1	19981231	LSPB	+	published / reissued	
TW339264 B	19980901	LSGT	+	granted / extensions (spc, cpc, pte)	
US5832634 A	19981110	LSGT	+	granted / extensions (spc, cpc, pte)	
US5832634 A	19961212	LSAS	AS	ASSIGNMENT	OWNER NAME : GLOBAL SPORTS TECHNOLOGIES, INC., VIRGIN ISLANDS, DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:WONG, KING C.; REEL/FRAME:008267/0501 EFFECTIVE DATE : 19960912
US5832634 A	19980828	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA SPORT S.P.A., ITALY DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:GLOBAL SPORTS TECHNOLOGIES, INC.; REEL/FRAME:009419/0153 EFFECTIVE DATE : 19980805
US5832634 A	20020424	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5832634 A	20030613	LSAS	AS	ASSIGNMENT	OWNER NAME : MADELEINE L.L.C., AS COLLATERAL AGENT (FILA LUXEMB DESCRIPTION : SECURITY AGREEMENT; ASSIGNOR:FILA LUXEMBOURG S.A.R.L.; REEL/FRAME:014172/0450 EFFECTIVE DATE : 20030610
US5832634 A	20030613	LSAS	AS	ASSIGNMENT	OWNER NAME : MADELEINE LLC, NEW YORK DESCRIPTION : SECURITY INTEREST; ASSIGNOR:FILA LUXEMBOURG S.A.R.L.; REEL/FRAME:014178/0133 EFFECTIVE DATE : 20030610
US5832634 A	20030617	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA LUXEMBOURG S.A.R.L., LUXEMBOURG DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:FILA NEDERLAND B.V.; REEL/FRAME:014242/0728 EFFECTIVE DATE : 20030610
US5832634 A	20030617	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA NEDERLAND B.V., NETHERLANDS DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:FILA SPORT S.P.A.; REEL/FRAME:014242/0738 EFFECTIVE DATE : 20030610
US5832634 A	20040505	LSAS	AS	ASSIGNMENT	OWNER NAME : CONGRESS FINANCIAL CORPORATION, AS AGENT, NEW YORK DESCRIPTION : SECURITY INTEREST; ASSIGNOR:FILA LUXEMBOURG S.A.R.L.; REEL/FRAME:015279/0320 EFFECTIVE DATE : 20040305
US5832634 A	20060419	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA LUXEMBOURG S.A.R.L., MARYLAND DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:MADELEINE L.L.C.; REEL/FRAME:017492/0272 EFFECTIVE DATE : 20050404
US5832634 A	20060426	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5832634 A	20101110	LSLE	-LAPS	LAPSE FOR	

US5832634 A	20101206	LSLE	-PEX1	FAILURE TO PAY MAINTENANCE FEES Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5832634 A	20101228	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20101110
US5918338 A	19990706	LSGT	+	granted / extensions (spc, cpc, pte)	
US5918338 A	20021217	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5918338 A	20030613	LSAS	AS	ASSIGNMENT	OWNER NAME : MADELEINE L.L.C., AS COLLATERAL AGENT (FILA LUXEMB DESCRIPTION : SECURITY AGREEMENT; ASSIGNOR:FILA LUXEMBOURG S.A.R.L.; REEL/FRAME:014172/0450 EFFECTIVE DATE : 20030610
US5918338 A	20030613	LSAS	AS	ASSIGNMENT	OWNER NAME : MADELEINE LLC, NEW YORK DESCRIPTION : SECURITY INTEREST; ASSIGNOR:FILA LUXEMBOURG S.A.R.L.; REEL/FRAME:014178/0133 EFFECTIVE DATE : 20030610
US5918338 A	20030617	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA NEDERLAND B.V., NETHERLANDS DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:FILA SPORT S.P.A.; REEL/FRAME:014242/0738 EFFECTIVE DATE : 20030610
US5918338 A	20030617	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA LUXEMBOURG S.A.R.L., LUXEMBOURG DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:FILA NEDERLAND B.V.; REEL/FRAME:014242/0728 EFFECTIVE DATE : 20030610
US5918338 A	20040505	LSAS	AS	ASSIGNMENT	OWNER NAME : CONGRESS FINANCIAL CORPORATION, AS AGENT, NEW YORK DESCRIPTION : SECURITY INTEREST; ASSIGNOR:FILA LUXEMBOURG S.A.R.L.; REEL/FRAME:015279/0320 EFFECTIVE DATE : 20040305
US5918338 A	20060419	LSAS	AS	ASSIGNMENT	OWNER NAME : FILA LUXEMBOURG S.A.R.L., MARYLAND DESCRIPTION : RELEASE BY SECURED PARTY; ASSIGNOR:MADELEINE L.L.C.; REEL/FRAME:017492/0272 EFFECTIVE DATE : 20050404
US5918338 A	20061221	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5918338 A	20110706	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5918338 A	20110801	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5918338 A	20110823	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20110706
ZA9610189 A	19970617	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Ankle foot orthosis night splint with orthowedge

Abstract: Source: US5799659A A low cost orthosis for the treatment of foot and ankle conditions including plantar fasciitis and tendonitis, the orthosis is a rigid, molded shell manufactured in a variety of incremental sizes, having a generally U-shaped cross-sectional configuration and a flat foot bed, covered by a soft fabric covering, and using a removable and interchangeable foot bed wedge insert permitting the angle of dorsiflexion, plantarflexion, inversion and eversion to be varied.

Classifications:

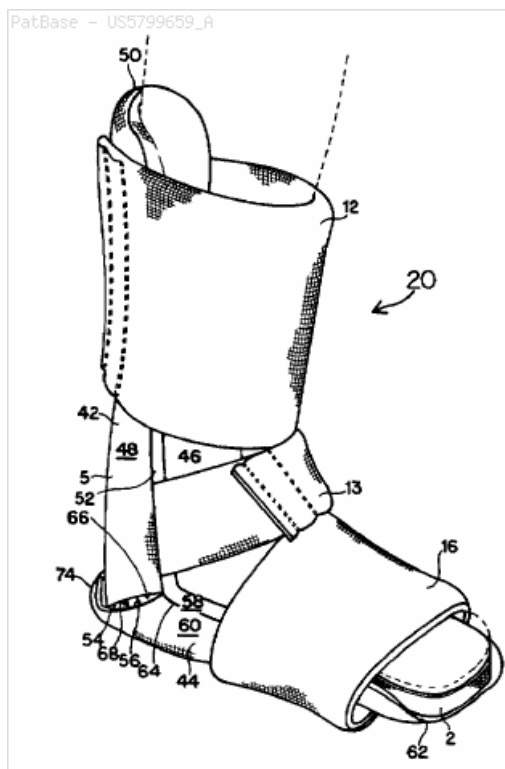
International (IPC 8-9): A61F5/01 (Advanced/Invention)

International (IPC 1-7): A61F5/37

CPC: A61F5/0111

European: A61F5/01D1D

US: 128/882 602/27



Family:

Publication number	Publication date	Application number	Application date
US5799659 A	19980901	US19970792491	19970131

Priority:

US19950369409 19950105 US19970792491 19970131

Probable Assignee: STANO WILLIAM S

Assignee(s): STANO WILLIAM S

Inventor(s): (std): STANO WILLIAM S

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US5799659 A	19980901	LSGT	+	granted / extensions (spc, cpc, pte)	
US5799659 A	19980727	LSGT	PAT1	Patented Case	
US5799659 A	20020102	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5799659 A	20060228	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5799659 A	20100218	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12

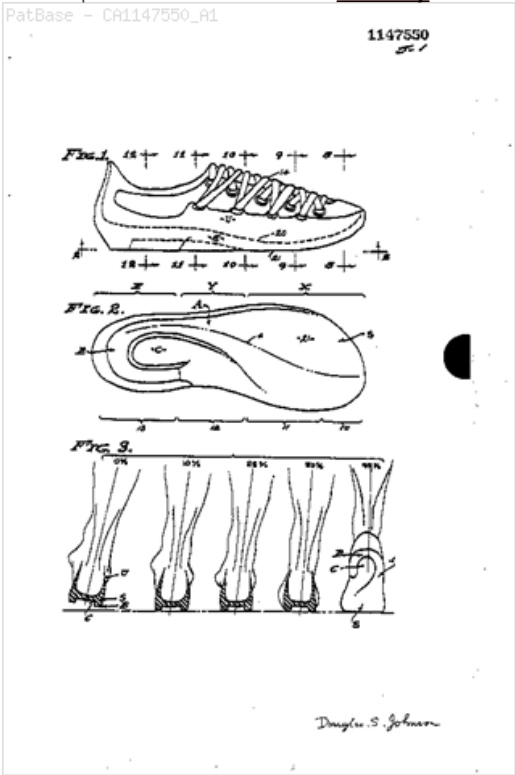
Title: ORTHOTICALLY DYNAMIC FOOTWEAR

Abstract: Source: CA1147550A ORTHOTICALLY DYNAMIC FOOTWEAR A shoe incorporating dynamic Orthotic means which adapt to the foot in a prescribed manner, controlling heel "strike" and weight bearing loads, establishing a cup-shape to "catch" the heel and foot to stabilize it, balancing and maintaining the sub-talar joint in a neutral attitude and the mid-tarsal joint locked, enabling the foot and ankle to maintain optimum integrity as an efficient support and propulsion system, and resisting the symptomatic tendency for the sub-talar joint and foot to overcompensate and overstress the anatomy.

Classifications:

International (IPC 8-9): A43B7/00 (Advanced/Invention);
A43B7/00 (Core/Invention)

International (IPC 1-7): A43B7/00



Family:

Publication number	Publication date	Application number	Application date
CA1147550 A1	19830607	CA19810369272	19810126

Priority:

CA19810369272 19810126

Probable Assignee:

COOMER SVEN O

Assignee(s): (std):

COOMER SVEN O

Inventor(s): (std):

COOMER SVEN O

Agent(s):

JOHNSON DOUGLAS S QC

Legal status (INPADOC)

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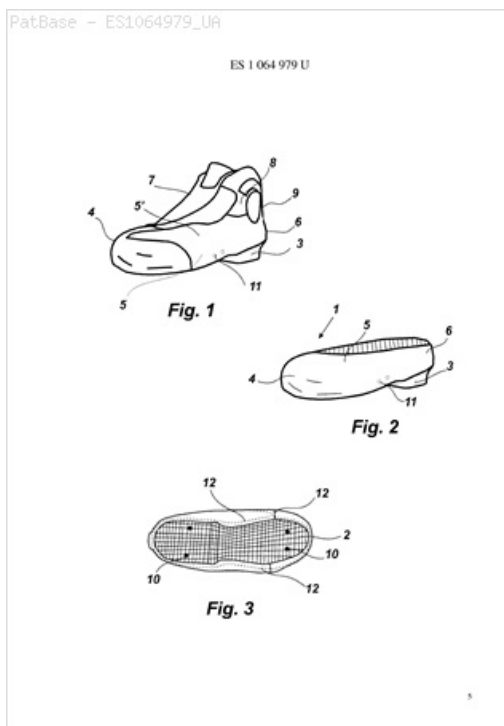
Patent	Date recorded	Event group	Code	Event Details
CA1147550 A1	20000607	LSLE	-MKEX	EXPIRY

Title: SCARPONCINO SPORTIVO, IN PARTICOLARE APPLICABILE AL PATTINAGGIO E ALL'HOCKEY SU PATTINI.

Abstract: Source: ES1064979U 1. Bota deportiva, del tipo de bota destinada a su utilizacion deportiva y especialmente aplicable a patinaje y hockey sobre patines, de forma que es susceptible de anclarse un bastidor o medios de sujecion de los elementos de rodadura, cuales ruedas pueden estar alineadas en uno o dos ejes, caracterizada porque esta constituida por una base **anatomica** monopieza (1) rigida, de material formado por una combinacion de fibra de carbono y kevlar R, que realiza una suela (2) de grosor y forma adecuadas, el tacon (3), la puntera (4), las zonas primeras de las carteras (5) y el contrafuerte (6); en que a dicha base **anatomica** monopieza (1) rigida se le ha unido el resto de las carteras (5''), el pernero (7), el talon (9) y la cana (8) de la bota, realizadas en cualquier material resistente, ligero y **flexible** adecuado. 1. Sports **shoe**, of the type of boot, intended for use sports and especially applicable to ice rink and hockey, so that it is capable of anclarse a frame or fastening means of the rolling elements, which wheels may be aligned in one or two axes, characterized in that it is constituted by a base (1) rigid one-piece, **anatomical** material formed by a combination of carbon fiber and kevlar R, which performs a sole (2) of suitable thickness and shape, the **heel** (3), the toe (4), the first (5) and the abutment portfolios (6); in that said base (1) rigid one-piece **anatomical** has been joined by the rest of the portfolio (5''), the pernero (7), the **heel** (9) and the shank (8) of the boot, made of any durable material, lightweight and **flexible**.

Classifications:

International (IPC 8-9): A43B5/16 (Advanced/Invention);
A43B5/16 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1064979 UA	20070516	ES20070000480U	20070305
ES1064979 Y1	20070816	ES20070000480U	20070305
ITMI20080085 U1	20080906	IT2008MI00085U	20080304

Priority:

ES20070000480U 20070305

Probable Assignee: SICILIA SPORTS S L

Assignee(s): (std): SICILIA SPORTS S L

Assignee(s): SICILIA SPORTS SL

Inventor(s): (std): BORRAS MONTALBAN JOSEP FRANCES ; BORRAS MONTALBAN JOSEP FRANCES C

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1064979 UA	20070516	LSPB	+	published / reissued	
ES1064979 UA	20070816	LSGT	+FG1K	UTILITY MODEL GRANTED	
ES1064979 UA	20130923	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 20130923
ES1064979 Y1	20070816	LSGT	+	granted / extensions (spc, cpc, pte)	
ITMI20080085 U1	20080906	LSPB	+	published / reissued	

Title: INSOLES

Abstract: Source: GB2061695A An insole is made of hot-formable material for individual adaptation to a user's foot, preferably of polyethylene formable at 160 degrees C. Toe section 10 is softer than **heel** section 12.

Classifications:

International (ipc 8-9): A43B17/14 (Advanced/Invention);

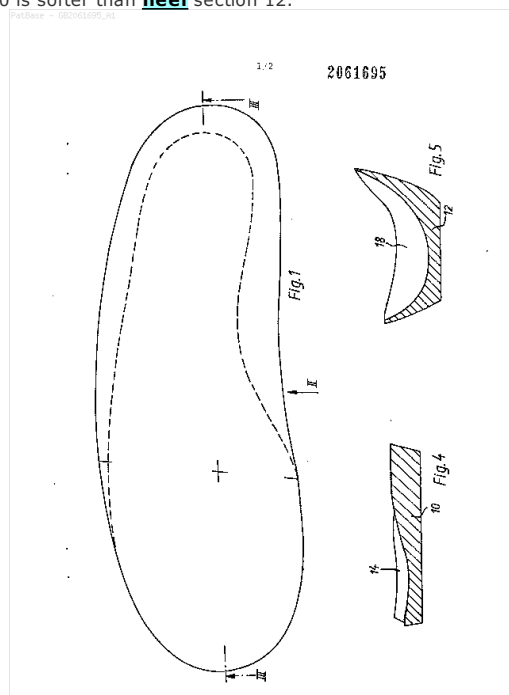
A43B17/00 (Core/Invention)

International (ipc 1-7): A43B13/38 A43B17/00 A43B17/14

A43B5/06 A43B7/14

CPC: A43B17/14

European: A43B17/14



Family:

Publication number	Publication date	Application number	Application date
AT373767 B	19840227	AT19800004882	19800930
AT488280 A	19830715	AT19800004882	19800930
CH653221 A	19851231	CH19800007284	19800929
DE2939731 A1	19810416	DE19792939731	19791001
DE2939731 C2	19851219	DE19792939731	19791001
FR2466206 A1	19810410	FR19800021040	19801001
FR2466206 B1	19850712	FR19800021040	19801001
GB2061695 A1	19810520	GB19800031705	19801001
GB2061695 B2	19840314	GB19800031705	19801001
IT1133642 A	19860709	IT19800025046	19801001
IT8025046 A0	19801001	IT19800025046	19801001

Priority:

DE19792939731 19791001

Probable Assignee: WALTER HORT DR

Assignee(s): (std): HORT W ; HORT WALTER ; HORT WALTER DR MED ; WALTER HORT DR

Assignee(s): HORT WALTER DR MED 6600 SAARBRUECKEN DE ; HORT WALTER DR ; DR WALTER HORT

Inventor(s): (std): HORT WALTER ; HORT WALTER DR ; HORT WALTER DR MED

Inventor(s): HORT WALTER DR MED 6600 SAARBRUECKEN DE ; WALTER HORT

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT373767 B	19840227	LSGT	+	granted / extensions (spc, cpc, pte)	
AT373767 B	19920415	LSLE	-ELJ	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AT488280 A	19830715	LSPB	+	published / reissued	
CH653221 A	19851231	LSGT	+	granted / extensions (spc, cpc, pte)	
CH653221 A	19920529	LSLE	-PL	PATENT CEASED	
DE2939731 A1	19810416	LSPB	+	published / reissued	
DE2939731 A1	19811112	LSSE	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE2939731 A1	19851219	LSGT	+D2	GRANT AFTER EXAMINATION	
DE2939731 A1	19860612	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE2939731 A1	19921008	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	

DE2939731 C2	19851219	LSGT	+	granted / extensions (spc, cpc, pte)
FR2466206 A1	19810410	LSPB	+	published / reissued
FR2466206 A1	19920828	LSLE	-ST	NOTIFICATION OF LAPSE
FR2466206 B1	19850712	LSGT	+	granted / extensions (spc, cpc, pte)
GB2061695 A1	19810520	LSPB	+	published / reissued
GB2061695 A1	19840314	LSGT	+PG	PATENT GRANTED
GB2061695 A1	19920527	LSLE	-PCNP	PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE
GB2061695 B2	19840314	LSGT	+	granted / extensions (spc, cpc, pte)
IT1133642 A	19860709	LSGT	+	granted / extensions (spc, cpc, pte)

Title: Cover element for **shoe** insole manufacture has thin **flexible** cover layer and thermoplastics cover layer secured to moulded **heel** element

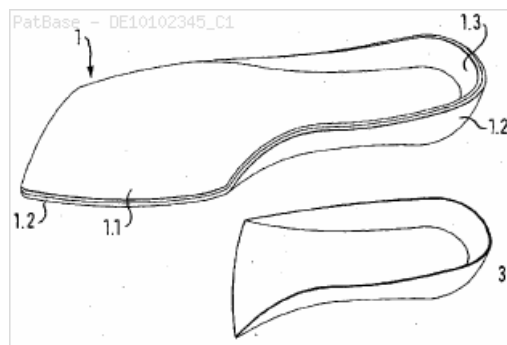
Abstract: The cover element (1) has a cover layer (1.1) of a thin **flexible** material and a relatively stiff carrier layer (1.2) of a thermoplastics material, which is secured to a moulded **heel** element (3), e.g. via a hot-melt adhesive, so that the cover element adopts the shape of the latter. An Independent claim for a modular system for manufacture of a **shoe** insole is also included.

Classifications:

International (IPC 1-7): A43B17/00 A61F5/14

CPC: A43B7/14 A43B7/144 A43B13/36 A61F5/14

European: A43B13/36 A43B7/14 A43B7/14A20H A61F5/14



Family:

Publication number	Publication date	Application number	Application date
DE10102345 C1	20020124	DE20011002345	20010119

Priority:

DE20011002345 20010119

Probable Assignee: SPANNRIT SCHUHKOMPONENTEN GMBH

Assignee(s): (std): SPANNRIT SCHUHKOMPONENTEN GMBH

Inventor(s): (std): KATZER ROLAND

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE10102345 C1	20020124	LSGT	+	granted / extensions (spc, cpc, pte)	
DE10102345 C1	20020124	LSPB	+8100	PUBLICATION OF THE EXAMINED APPLICATION WITHOUT PUBLICATION OF UNEXAMINED APPLICATION	
DE10102345 C1	20020124	LSGT	+D1	GRANT (NO UNEXAMINED APPLICATION PUBLISHED) PATENT LAW 81	
DE10102345 C1	20020718	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE10102345 C1	20111215	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	EFFECTIVE DATE : 20110802

Abstract: Source: DE9215048U1 (Claim 1) 1. Schuh, insbesondere Sportschuh mit - einer Sohleneinheit (1), - einem auf der Sohleneinheit (1) angeordnet, den Fuss umschliessenden Oberteil (T) und - mindestens einer mittels eines Blasebalges (33, 33') aufblasbaren Luftkammer (35,35') im Oberteil (T) zur Fixierung des Fusses im Schuh und zur **anatomischen** Formanpassung des Oberteils (T) an eine Fusspartie, dadurch gekennzeichnet, dass der Blasebalg (33,33') derart im Schuh angeordnet ist, dass er durch eine Beaufschlagung durch den Fuss beim Auftreten betätigbar ist.

Machine translation: (Claim 1) 1 **Shoe**, especially sport **shoe** - a sole unit (1), - one located on the sole unit (1), the foot enclosing upper part (T) and - at least one means of a bellows (33, 33 ') inflatable air chamber (35.35 ') in the upper part (T) for fixing the foot in the **shoe** and the **anatomic** conformability of the upper part (T) to a base section, wherein the bellows (33,33') is arranged inside the **shoe**, that he by an exposure to, the foot is operable in the event.

Classifications:

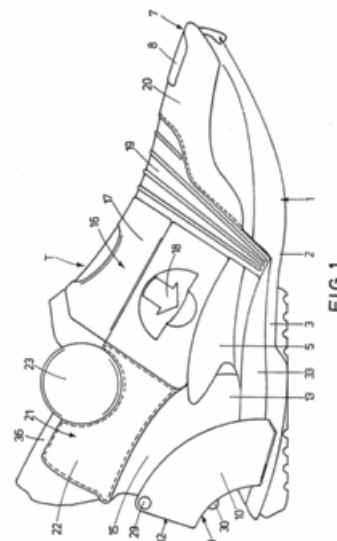
International (IPC 8-9): A43B5/00 A43B5/04 (Advanced/Invention); A43B5/00 A43B5/04 (Core/Invention)

International (IPC 1-7): A43B5/00 A43B5/04 A43B7/20

CPC: A43B5/00 A43B5/0407

European: A43B5/00 A43B5/04B2

PatBase - DE9215048_U1



Family:

Publication number	Publication date	Application number	Application date
DE9215048 U1	19921224	DE19920015048U	19921105

Priority:

DE19920015048U 19921105

Probable Assignee: ITO DESIGN GMBH 8500 NUERNBERG DE

Assignee(s): ITO DESIGN GMBH 8500 NUERNBERG DE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE9215048 U1	19921224	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Ski boot

Abstract: Source: US4759137A In a ski boot having a toe- and heel-piece and an ankle consisting of an ankle front part and an ankle rear part it is proposed that the toe- and heel-piece is soft to deformation in the instep region in the direction of variation of the clear instep width, that the ankle front part is displaceable perpendicularly of a transverse axis on lateral articulation points on the side parts of the toe- and heel-piece, in the direction of variable action of the ankle front part along the instep line on the deformation-soft instep region of the toe- and heel-piece, and that tension means serving for the adjustment of the ankle front part on the articulation points act upon the ankle front part.

Classifications:

International (IPC 8-9): A43B5/04 (Advanced/Invention);
A43B5/04 (Core/Invention)

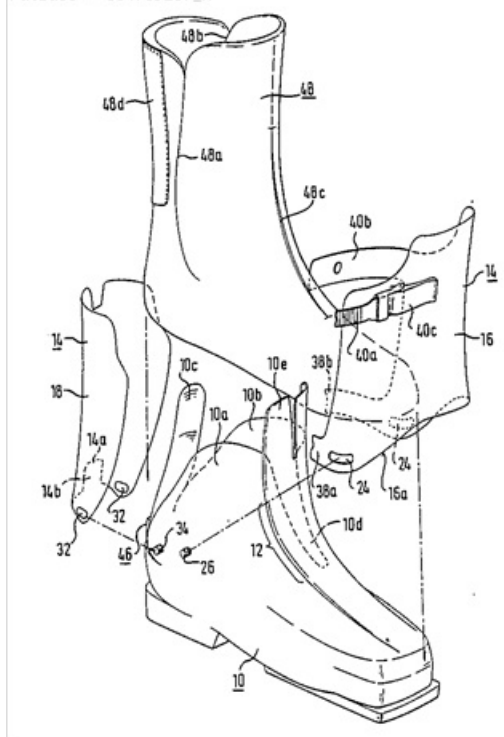
International (IPC 1-7): A43B5/04 A43C11/00 A43C11/14

CPC: A43B5/0405 A43B5/0449

European: A43B5/04B A43B5/04E12M2B

US: 36/117 36/117.6 36/118.8 36/118.9 36/120 36/50.5

PatBase - US4759137_A



Family:

Publication number	Publication date	Application number	Application date
AT47648 E	19891115	AT19830112935T	19831221
DE3247516 A1	19840628	DE19823247516	19821222
DE3380787 D1	19891207	DE19833380787	19831221
DE3406591 A1	19850829	DE19843406591	19840223
DE3406591 C2	19941124	DE19843406591	19840223
EP0113908 A1	19840725	EP19830112935	19831221
EP0113908 B1	19891102	EP19830112935	19831221
US4759137 A	19880726	US19870053827	19870526
US4918842 A	19900424	US19880184014	19880420

Priority:

DE19823247516 19821222	DE19833380787 19831221	US19850815177 19851220
US19830561635 19831215	DE19843406591 19840223	EP19830112935 19831221
US19870053827 19870526	US19860926100 19861103	

Probable Assignee: HOECHST MARION ROUSSEL

Assignee(s): (std): LEDERER JOSEF ; SALOMON SA

Assignee(s): HOECHST MARION ROUSSEL ; SALOMON S A ; SALOMON S A PRINGY FR

Inventor(s): (std): LEDERER JOSEF

Inventor(s): LEDERER JOSEF 8069 JETZENDORF DE

Designated states: AT CH DE FR IT LI

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT47648 E	19891115	LSGT	+	granted / extensions (spc, cpc, pte)	
AT47648 E	19960915	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
DE3247516 A1	19840628	LSPB	+	published / reissued	
DE3247516 A1	19870212	LSAS	8127	NEW PERSON/NAME/ADDRESS OF THE APPLICANT	OWNER NAME : SALOMON S.A., PRINGY, FR

DE3247516 A1	19880616	LSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE3247516 A1	19950511	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
DE3380787 D1	19901122	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE3380787 D1	19961212	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE3406591 A1	19850829	LSPB	+	published / reissued	
DE3406591 A1	19870212	LSAS	8127	NEW PERSON/NAME/ADDRESS OF THE APPLICANT	OWNER NAME : SALOMON S.A., PRINGY, FR
DE3406591 A1	19880630	LSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE3406591 A1	19941124	LSGT	+D2	GRANT AFTER EXAMINATION	
DE3406591 A1	19950524	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE3406591 A1	20050504	LSLE	-8340	PATENT OF ADDITION CEASED/NON-PAYMENT OF FEE OF MAIN PATENT	
DE3406591 C2	19941124	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0113908 A1	19840725	LSPB	+	published / reissued	
EP0113908 A1	19850306	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19841213
EP0113908 A1	19860305	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19860121
EP0113908 A1	19860924	LSES	+R17C	DATE OF DESPATCH OF FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19860807
EP0113908 A1	19870107	LSAS	RAP1	TRANSFER OF RIGHTS OF AN EP PUBLISHED APPLICATION	OWNER NAME : SALOMON S.A.
EP0113908 A1	19901017	LSGT	+26N	NO OPPOSITION FILED	
EP0113908 A1	19941215	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : FR PAYMENT DATE : 19941215 YEAR OF FEE PAYMENT : 12
EP0113908 A1	19941222	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 19941222 YEAR OF FEE PAYMENT : 12
EP0113908 A1	19950118	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 19950118 YEAR OF FEE PAYMENT : 12
EP0113908 A1	19950125	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 19950125 YEAR OF FEE PAYMENT : 12
EP0113908 A1	19951221	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : AT EFFECTIVE DATE : 19951221
EP0113908 A1	19951231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CH EFFECTIVE DATE : 19951231
EP0113908 A1	19951231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LI EFFECTIVE DATE : 19951231
EP0113908 A1	19960815	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP0113908 A1	19960830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : FR EFFECTIVE DATE : 19960830
EP0113908 A1	19960903	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM	REF COUNTRY CODE : DE EFFECTIVE DATE : 19960903

NAT. OFFICE TO EPO						
EP0113908 A1	19961031	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : ST	
EP0113908 B1	19891102	LSGT	+	granted / extensions (spc, cpc, pte)		
US4759137 A	19880726	LSGT	+	granted / extensions (spc, cpc, pte)		
US4759137 A	19880523	LSGT	PAT1	Patented Case		
US4759137 A	19911125	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4	
US4759137 A	19960728	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES		
US4759137 A	19961008	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 19960731	
US4918842 A	19900424	LSGT	+	granted / extensions (spc, cpc, pte)		
US4918842 A	19900220	LSGT	PAT1	Patented Case		
US4918842 A	19931014	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4	
US4918842 A	19980423	LSAS	AS	ASSIGNMENT	OWNER NAME : HOECHST MARION ROUSSEL, FRANCE DESCRIPTION : CHANGE OF NAME; ASSIGNOR:ROUSSEL UCLAF; REEL/FRAME:009168/0986 EFFECTIVE DATE : 19971119	
US4918842 A	19980426	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES		
US4918842 A	19980707	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 19980429	

Title: DISPOSITIF D'AIDE AU PLACEMENT D'UNE ORTHESE PLANTAIRE UNIVERSELLE

Abstract: The kit has a repositionable orthopaedic orthosis (1), placed under a part of a foot sole, and formed of a correction element (2) e.g. metatarsal rest-area support unit, covered with an envelope (3) comprising a spot (4) corresponding to a predetermined position of the correction element with respect to an **anatomical** area of the foot. A placement assisting device (5) for placing the orthosis in a **shoe** comprises a sheet (6) whose surface receives a marker, where the sheet is associated with a strip (7) so that the foot rests on the sheet when the **heel** is placed on an origin (8) of the strip. An independent claim is also included for a method for placing an orthopedic orthosis in a **shoe**.

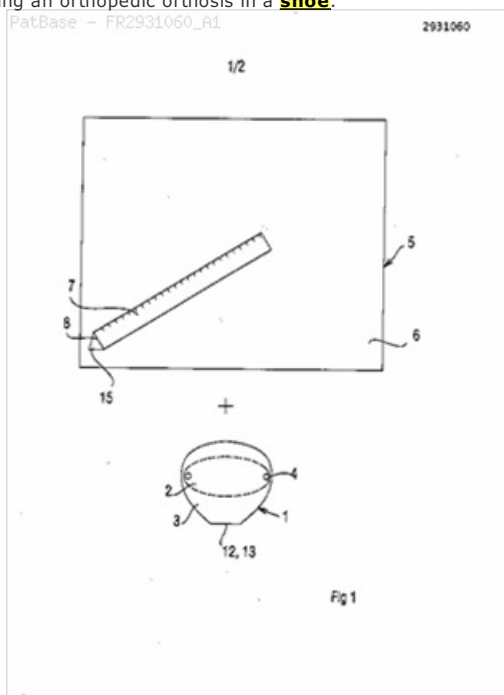
Classifications:

International (IPC 8-9): A61F5/14 (Advanced/Invention);

A61F5/14 (Core/Invention)

CPC: A61F5/14

European: A61F5/14



Family:

Publication number	Publication date	Application number	Application date
FR2931060 A1	20091120	FR20080002617	20080515
FR2931060 B1	20100604	FR20080002617	20080515

Priority:

FR20080002617 20080515

Probable Assignee: CARINE BEGOUIN

Assignee(s): (std): CERMOLACCE CHRISTOPHE ; DETERME PATRICE ; BEGOUIN CARINE

Assignee(s): CARINE BEGOUIN ; PATRICE DETERME ; CHRISTOPHE CERMOLACCE

Inventor(s): (std): CERMOLACCE CHRISTOPHE ; DETERME PATRICE ; BEGOUIN CARINE

Inventor(s): CARINE BEGOUIN ; PATRICE DETERME ; CHRISTOPHE CERMOLACCE

Agent(s): MICHEL ROMAN; RAVINA SA

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
FR2931060 A1	20091120	LSPB	+	published / reissued	
FR2931060 A1	20150529	LSFE	+PLFP	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
FR2931060 A1	20170303	LSLE	-ST	NOTIFICATION OF LAPSE	EFFECTIVE DATE : 20170131
FR2931060 B1	20100604	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: IMPACT-ABSORBING **FLEXIBLE** SOLE ELEMENT

Abstract: Source: DE20119338U1 (Claim 1) 1. Aufprallresorbierendes elastisches Sohlenelement fuer Schuhe, dadurch gekennzeichnet, dass ein Rahmen (

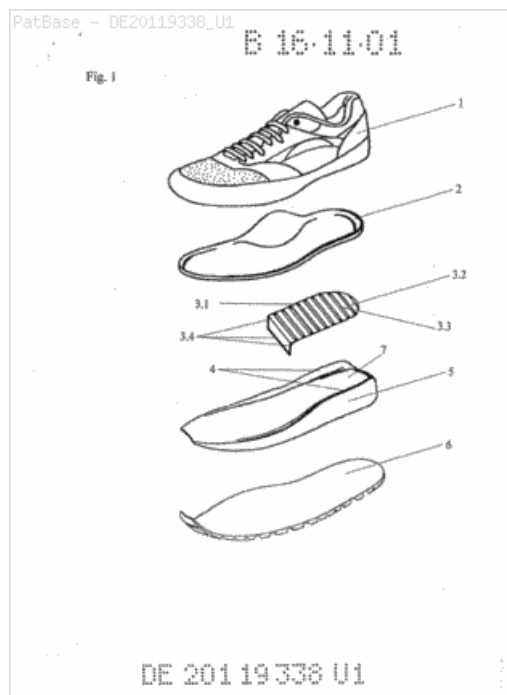
Machine translation: (Claim 1) 1. Impact-absorbing **flexible** sole element for **shoes**, by the fact characterized that a framework (

Classifications:

International (IPC 1-7): A43B13/18

CPC: A43B7/144 A43B13/12 A43B13/187 A43B21/26

European: A43B13/12 A43B13/18F A43B21/26 A43B7/14A20H



Family:

Publication number	Publication date	Application number	Application date
DE20119338 U1	20020228	DE20012019338U	20011116

Priority:

DE20012019338U 20011116

Probable Assignee:

DEHN MICHAEL C

Assignee(s): (std):

DEHN MICHAEL C

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE20119338 U1	20020228	LSGT	+	granted / extensions (spc, cpc, pte)	
DE20119338 U1	20020404	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 20020404
DE20119338 U1	20050407	LSGT	+R150	TERM OF PROTECTION EXTENDED TO 6 YEARS	EFFECTIVE DATE : 20050203
DE20119338 U1	20080327	LSWD	-R120	APPLICATION WITHDRAWN OR IP RIGHT ABANDONED	EFFECTIVE DATE : 20080111

Title: **Flexible** discharge boot (CELEBRATION)

Abstract: Source: DE29903332U1 (Claim 1) 1. Flexibler Entlastungsstiefel (FEST) = orthopaedietechnische Stuetz- und Haltevorrichtung zur Entlastung/Teilbelastung des Sprunggelenk- und Rueckfussbereiches bei Frakturen des Sprunggelenkes, des Sprungbeines, des Fersenbeines zur Vermeidung der Bruchstueckverschiebung im Rahmen einer nicht operativen = konservativen oder operativen Behandlung im Sinne der Nachbehandlung dadurch gekennzeichnet, dass die Fraktur gefaehrenden Bodenreaktionskraefte beim Gehen ohne Verwendung von Unterarmgehsuetzen vollstaendig ueber einen in die Schuhsohle mittig integrierten U-Metallbuegel mittels vier Nieten (zwei aussen, zwei innen) zur **anatomisch** angepassten rueckseitig angelegten, schalenfoermigen Acryl-Wadenhuelse abgeleitet werden, wobei letztere zusammen mit der schalenfoermigen vorderseitig angelegten Acryl-Kniehuelse unter Verspannung beider Huelsen gegenueber der Wade und dem vorderseitigen Knieanteil mittels regulierbarer Schnallen die aufgenommenen Bodenreaktionskraefte auf den Schienbeinkopf uebertraegt.

Machine translation: (Claim 1) 1 **Flexible** marked relief boots (FIXED) = orthopaedietechnische Cranes and holding device for relief / part-load on the ankle and rearfoot for fractures of the ankle, the ankle bone, the **heel** bone to avoid Bruchstueckverschiebung in a non-operating = conservative or surgical treatment in terms of treatment by that the fracture risk Bodenreaktionskraefte when walking without the use of crutches completely about one in the **shoe** sole centrally integrated U-Metallbuegel by four rivets (two outside, two inside) to **anatomically** rueckseite scale, shell-acrylic Wadenhuelse be derived, the latter together with the shell-side front-scale acrylic Kniehuelse under tension sleeve with respect to both uebertraegt the calf and the front-side knee portion by means of adjustable buckles recorded Bodenreaktionskraefte on the tibial plateau.

Classifications:

International (IPC 8-9): A61F5/058 (Advanced/Invention);

A61F5/04 (Core/Invention)

International (IPC 1-7): A61F5/04

CPC: A61F5/0585

European: A61F5/058H2

Family:

Publication number	Publication date	Application number	Application date
DE29903332 U1	19990930	DE19992003332U	19990224

Priority:

DE19992003332U 19990224

Probable Assignee:

ZWIPP HANS

Assignee(s): (std):

ZWIPP HANS

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE29903332 U1	19990930	LSGT	+	granted / extensions (spc, cpc, pte)	
DE29903332 U1	19990224	LSLI	R086	NON-BINDING DECLARATION OF LICENSING INTEREST	
DE29903332 U1	19991104	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 19991104
DE29903332 U1	19991209	LSSES	R021	SEARCH REQUEST VALIDLY FILED	EFFECTIVE DATE : 19990810
DE29903332 U1	20030123	LSGT	+R150	TERM OF PROTECTION EXTENDED TO 6 YEARS	EFFECTIVE DATE : 20021114
DE29903332 U1	20051124	LSGT	+R151	TERM OF PROTECTION EXTENDED TO 8 YEARS	EFFECTIVE DATE : 20050915
DE29903332 U1	20071115	LSGT	+R152	TERM OF PROTECTION EXTENDED TO 10 YEARS	EFFECTIVE DATE : 20070910
DE29903332 U1	20090302	LSLE	-R071	EXPIRY OF RIGHT	

Title: SEMELLE DYNAMIQUE A ACTION ORTHOTIQUE POUR CHAUSSURE DYNAMIC SHOCK ABSORBING **SHOE** STRUCTURE - HAS SOLE AND UPPER MADE OF **FLEXIBLE** MATERIAL, ESTABLISHING RESILIENT CUP SHAPE

Abstract: Source: FR2501480A L'INVENTION CONCERNE UNE CHAUSSURE A SEMELLE DYNAMIQUE ORTHOTIQUE. LA SEMELLE S DE CETTE CHAUSSURE EST REALISEE EN MATIERE **FLEXIBLE** ET ELASTIQUEMENT COMPRESSIBLE DE MANIERE QU'EN MARCHANT, COURANT OU SAUTANT SUR UNE SURFACE DURE, LE TALON ET LA PARTIE ANTERIEURE DU PIED SOIENT MAINTENUS ET STABILISES POUR EVITER UNE SOLLECITATION TROP IMPORTANTE DES ARTICULATIONS ASTRAGALO-CALCANEENNES. CETTE CHAUSSURE PERMET UN SOUTIEN ET UNE PROPULSION EFFICACES. DOMAINE D'APPLICATION: CHAUSSURES, NOTAMMENT DE SPORT. The **shoe** incorporates dynamic shock absorbing members which adapt to the foot in a prescribed manner. These control **heel** 'strike' and weight bearing loads, establishing a cup- shape to 'catch' the **heel** and foot to stabilise it. They balance and maintain the sub-talar joint in a neutral attitude and the mid-tarsal joint locked, enabling the foot and ankle to maintain optimum integrity as an efficient support and propulsion system. They resist the symptomatic tendency for the sub-talar joint and foot to overcompensate and overstress the **anatomy**.

Classifications:

International (IPC 8-9): A43B13/14 A43B13/18

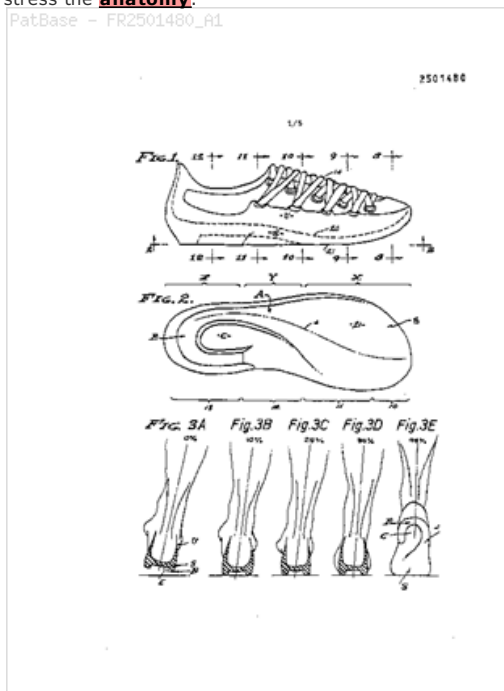
A43B13/20 (Advanced/Invention);

A43B13/14 A43B13/18 (Core/Invention)

International (IPC 1-7): A43B13/18 A43B7/32

CPC: A43B13/14 A43B13/181 A43B13/187 A43B13/20

European: A43B13/14 A43B13/18A A43B13/18F A43B13/20



Family:

Publication number	Publication date	Application number	Application date
FR2501480 A1	19820917	FR19810005081	19810313
FR2501480 B1	19850125	FR19810005081	19810313

Priority:

FR19810005081 19810313

Probable Assignee:

COOMER SVEN

Assignee(s): (std):

COOMER SVEN

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
FR2501480 A1	19820917	LSPB	+	published / reissued	
FR2501480 A1	19920124	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2501480 B1	19850125	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: **SHOE** INSERT TOOL AND APPLICATION THEREOF

Abstract: Source: DE2926246A1 (Claim1) Verfahren zum Anpassen einer Schuereinlage, insbesondere fuer Bergschuhe, an den Fuss eines Benutzers, dadurch gekennzeichnet, dass in eine **flexible**, flache und fuss sohlenaehnlich berandete Sohlen-Huelle mit einer Fuellung aus aushaertbarer Silikon-Kautschuk-Grundkomponente mittels einer Injektionsspritze Haerter eingespritzt wird, dass die gefuellte Huelle danach geknetet und dann als Einlegesohle in- den Schuh eingelegt wird und die Sohle des Fusses im Schuh in Normalstellung unter leichter Belastung auf die gefuellte Huelle aufgesetzt wird, bis die Huellen-Fuellung zu einer elastischen, **anatomisch** angepassten Stuetz-Sohle ausgehaertet ist. A tailor-made insole for mountaineering boots consists of a hollow sole, made of a soft plastic foil with a foam or textile coating towards the foot, and a hinged attachment for the boot rear cap with wings to support the ankle joint. A two-component silicone rubber cpd., consisting of the elastomer and a bardener, is injected in the two parts. After it has been kneaded and then inserted in the boot, the foot of the individual wearer is rested on it with little pressure until the cpd. has set to sbape. This insole weighs very little and increases tbe comfort for the sole, **heel** and ankle of the wearer.

Classifications:

International (IPC 8-9): A43B19/00 A43B5/04

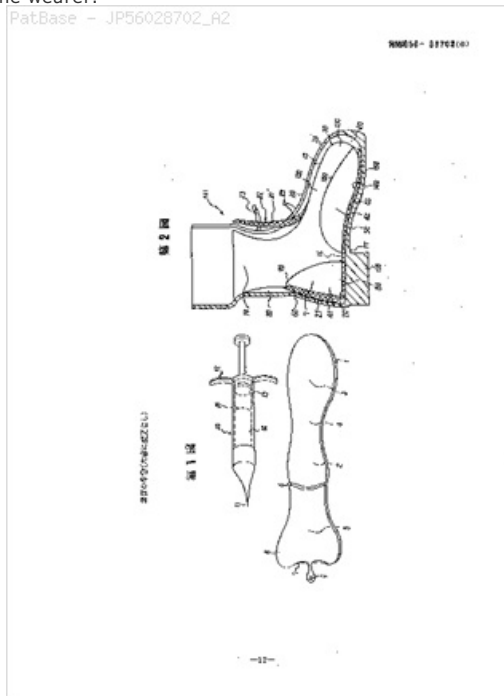
A43B7/28 (Advanced/Invention);

A43B19/00 A43B5/04 A43B7/14 (Core/Invention)

International (IPC 1-7): A43B17/14 A43B19/00 A43B5/04

CPC: A43B7/28 A43B5/0405

European: A43B5/04B A43B7/28



Family:

Publication number	Publication date	Application number	Application date
DE2926246 A1	19810115	DE19792926246	19790629
DE7915293 U1	19790830	DE19790115293U	19790526
JP56028702 A2	19810320	JP19800070003	19800526

Priority:

DE19790015293U 19790526 DE19792926246 19790629

Probable Assignee: STEFAN SPORTSCHUHE

Assignee(s): (std): LUTZ NORBERT ; STEFAN SPORTSCHUHE

Assignee(s): STEFAN SPORTSCHUHE GMBH ; LUTZ NORBERT 8501 ECKENTAL

Inventor(s): (std): NORUBERUTO RUTSUTSU ; LUTZ NORBERT

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE2926246 A1	19810115	LSPB	+	published / reissued	
DE2926246 A1	19821007	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
DE7915293 U1	19790830	LSGT	+	granted / extensions (spc, cpc, pte)	
JP56028702 A2	19810320	LSPB	+	published / reissued	