

Search history

Search 1: (shoe or boot) and mold* and first and second and (non-woven or woven or "non woven") and (fabric or cloth) (Results 3272)
Search 2: 1 and sock (Results 510)
Search 3: 2 and (polymer* or plastic) (Results 465)
Search 4: 3 and tac=(shoe or mold* or polymer or plastic or woven or "non woven or fabric or cloth) (Results 403)
Search 5: (4) AND IPC=(A43) (Results 252)
Search 6: 5 and (inner or intern* or inside) and (outer or outside or extern*) (Results 231)
Search 7: 6 and tac=(shoe or mold*) (Results 200)
Search 8: 7 and (gap or hole or orifice or perforation or pierc*) (Results 105)
Search 9: 8 and tac=(plastic or polymer*) (Results 65)
Search 10: 9 and tac=(fabric or cloth) (Results 29)

Title: MECHANICAL SUPPORT SYSTEM

Abstract: 1321826 **Boots** and c DERES DEVELOPMENT CORP 22 Sept 1970 [4 Oct 1969] 48860/69 Heading A3B [Also in Divisions A4 B7 B8 and F2] A **shoe** 307 is fitted with tree-like systems of springy levers terminating in displaceable supports 306 on which the foot 308 rests. Each lever is pivotally carried intermediate its ends by one end of a preceeding lever of the treelike system.

Classifications:

International (IPC 8-9): A42B3/12 A43B13/00 A43B17/02 A43B7/00 A43B7/14 A47C17/86 A47C20/02 A47C23/00 A47C31/00 A47C7/02 A47C7/14 A61G13/00 A61G5/06 A61G7/00 A61G7/057 B60B25/00 B65D81/07 B65D81/107 F16F3/00 F16F7/12 (Advanced/Invention); A42B3/04 A43B17/00 A43B7/00 A47C20/00 A47C23/00 A47C31/00 A47C7/02 A47C7/14 A61G13/00 A61G5/00 A61G7/00 A61G7/057 B65D81/05 B65D81/107 (Core/Invention)

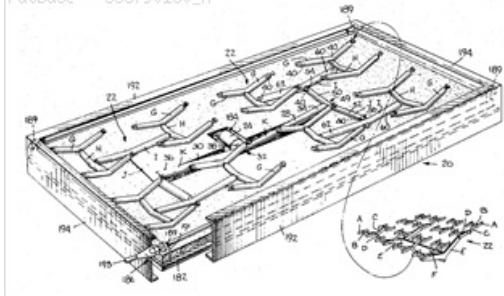
International (IPC 1-7): A43B13/00 A43B13/18 A43B13/20 A43B17/00 A43B17/06 A43B23/07 A43B7/14 A47C20/02 A47C22/00 A47C22/02 A47C23/00 A47C23/14 A47C25/02 A47C27/00 A47C31/00 A47C31/12 A47C7/00 A47C7/02 A47C7/14 A47C7/16 A61G7/00 A61G7/04 A61H1/00 B60C9/02 B62B5/02 B65D57/00 B65D81/10 B68G11/00 B68G11/04 F16F1/00 F16F1/16 F16F15/04 F16F3/00 F16F3/02 F16F7/12 F16S1/00

CPC: A43B7/00 A43B7/1465 A43B17/02 A47C7/022 A47C7/024 A47C7/14 A47C7/405 A47C23/002 A61G5/06 A61G5/065 A61G7/00 A61G7/0573 A61G13/009 B65D81/07 B65D81/1075 A42B3/064 A42B3/12

European: A42B3/12 A43B17/02 A43B7/00 A43B7/14A30R A47C23/00A A47C7/02B A47C7/14 A61G13/00M A61G7/00 A61G7/057F B65D81/07 B65D81/107A K61G5/06 K61G5/06B2

US: 2/420 267/15.1 267/150 267/151 267/80 297/452.1 297/452.49 297/452.54 36/28 5/719 5/727

PatBase - US3790150_A

**Family:**

Publication number	Publication date	Application number	Application date
AU197020708 A1	19720413	AU19700020708	19701006
AU207020708 A1	19720413	AU19700020708	19701006
BE757025 A	19710405		00000000
BE757025 A1	19710405		19701005
CA1092616 A1	19801230	CA19770289877	19771031
CA961827 A1	19750128	CA19700094698	19701002
CH530778 A	19721130	CH19700014608	19701002
DE2048593 A1	19710506	DE19702048593	19701002
DE2048593 C2	19840906	DE19702048593	19701002
DE2749880 A1	19780511	DE19772749880	19771108
DE2749880 C2	19850808	DE19772749880	19771108
DK132644 B	19760119	DK19700006447	19701218
DK132644 C	19760621	DK19700006447	19701218
FR2064944 A5	19710723	FR19700035706	19701002
FR2369996 A1	19780602	FR19770033433	19771107
FR2369996 B1	19840706	FR19770033433	19771107
GB1321826 A	19730704		19691004
GB1596920 A	19810903	GB19770046340	19771108
NL165927 B	19810115	NL19700014470	19701001
NL165927 C	19810615	NL19700014470	19701001
NL7014470 A	19710406	NL19700014470	19701001
SE378986 B	19750922	SE19700013367	19701002
SE378986 C	19760115	SE19700013367	19701002
SU427501 D	19740505	SU19711612806	19710104
US3790150 A	19740205	US19700075373	19700925
US4032127 A	19770628	US19740439590	19740204
US4033567 A	19770705	US19730347069	19730402
US4283864 A	19810818	US19790095788	19791119

Priority:

GB19690048860 19691004 US19700075373 19700925 US19730347069 19730402
US19740439590 19740204 US19760747681 19761108 CA19770289877 19771031

Probable Assignee: DERES DEV CORP**Assignee(s):** (std): DERES DEV CO ; DERES DEV CORP

Assignee(s): DERES DEV CORP US ; DERES DEVELOPMENT CO ; DERES DEVELOPMENT CORP ; DERES DEVELOPMENT CORP 100 PUTNAM GREEN GREENWICH ; DERES DEVELOPMENT CORP GREENWICH CONN US ; DERES DEVELOPMENT CORP 100 PUTNAM GREEN GREENWICH CONNECTICUT 06830 E U A ; DERES DEVELOPMENT GREENWICH CONNECTICUT VER ST V AM CORP ; LIPFERT DONALD E ; C AND J CLARK AMERICA INC

Inventor(s): (std): LIPFERT D E ; LIPFERT DONALD E ; LIPFERT DONALD ERNEST ; DONALD ERNEST LIPFERT ; LIPPERT D**Inventor(s):** LIPPERT D US ; ERNEST LIPFERT DONALD ; LIPFERT DONALD ERNEST WOOLWICH ME**Agent(s):** OSLER HOSKIN AND HARCOURT LLP

Title: MEANS FOR STORING AND DISTRIBUTING HEAT AND USE THEREOF

Abstract: Various devices for providing heat insulation and for storing and distributing heat, more specifically body heat, on the areas of the **outer** skin are described. The devices are formed of a foam layer or a skin compatible layer, a flexible heat conductive metal layer and another foam layer or the like whereby the flexible heat conductive metal layer is placed between the two foam layers or between a foam layer and a skin compatible layer. The devices may be formed in shapes suitable for use as insoles, plasters, soles of **shoes**, mats, cushions, and the like.

Classifications:

International (IPC 8-9): A43B13/12 A43B13/38 A43B17/00
A43B17/04 A43B17/14 A43B7/34 A47C27/15 A47C31/10 A61F13/06
A61F7/00 A61F7/02 A61F7/08 B32B15/04 B32B15/08 B32B5/22
B63B29/04 B64D11/00 D06N7/00 E04B1/62 E04B1/74 F16L59/02
F16L59/06 F16L59/14 F28D20/00 (Advanced/Invention);
A43B13/02 A43B13/38 A43B17/00 A43B7/00 A61F7/00 A61F7/02
B32B15/04 B32B15/08 B32B5/22 (Core/Invention)

International (IPC 1-7): A43B13/12 A43B13/38 A43B17/04
A43B17/14 A43B7/34 A47C27/15 A47C31/10 A61F13/02 A61F13/06
A61F7/00 A61F7/02 A61F7/03 A61F7/08 B32B15/08 B32B5/22
B63B29/04 B64D11/00 D06N7/00 E04B1/64 E04B1/74 F16L59/00
F16L59/06 F16L59/14 F28D20/00

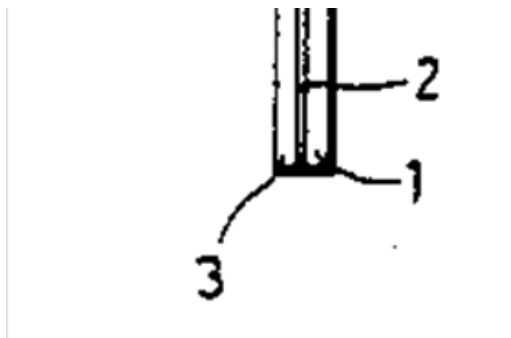
CPC: B32B15/046 B32B5/18 B32B15/20 B32B2266/025
B32B2266/08 B32B2307/302 B32B7/06 B32B7/12 B32B2307/304
B32B2437/02 A43B7/146 A43B7/34 A43B17/00 A61F7/02
A61F2007/0047 B32B15/04

European: A43B17/00 A43B7/14A30A A43B7/34 A61F7/02
A61F7/04A B32B15/04 K61F7/00A5K

US: 128/383 36/43 36/44 36/98 607/108 607/111 607/112

PatBase - US4887368_A





Family:

Publication number	Publication date	Application number	Application date
AT48393 E	19891215	AT19850105047T	19850425
AT55947 E	19900915	AT19850103619T	19850327
CA1267352 A1	19900403	CA19850482619	19850528
DD237789 A5	19860730	DD19840276679	19840524
DE3420121 A1	19851205	DE19843420121	19840530
DE3422783 A1	19860102	DE19843422783	19840620
DE3431474 A1	19860306	DE19843431474	19840827
DE3439727 A1	19860430	DE19843439727	19841030
DE3574575 D1	19900111	DE19853574575	19850425
DE3579364 D1	19901004	DE19853579364	19850327
EP0163045 A2	19851204	EP19850103619	19850327
EP0163045 A3	19870520	EP19850103619	19850327
EP0163045 B1	19900829	EP19850103619	19850327
EP0163133 A2	19851204	EP19850105047	19850425
EP0163133 A3	19870520	EP19850105047	19850425
EP0163133 B1	19891206	EP19850105047	19850425
JP61008048 A2	19860114	JP19850115172	19850528
US4887368 A	19891219	US19880239410	19880901

Priority:

DE19843420121 19840530	DE19843422783 19840620	DE19843431474 19840827
DE19843439727 19841030	DE19853579364 19850327	EP19850103619 19850327
DE19853574575 19850425	EP19850105047 19850425	US19850738913 19850529
US19870016500 19870217	US19880157062 19880202	

Probable Assignee: WEISSER PETER DR

Assignee(s): (std): INDENTOORU AG ; INDENTOR AG ; WEISSER PETER DR ; WEISSER PETER DR JUR

Assignee(s): WEISSER PETER DR JUR BUCHS ST GALLEN CH ; INDENTOR AG WOLFHALDEN CH ; INDENTOR OBERLINDENBERG 191 CH 9426 WOLFHALDEN AG

Inventor(s): (std): ARUNOO BARUTAA RATSUKE ; LATZKE ; LATZKE ARNO W ; LATZKE ARNO WALTER ; OBERMANN BERND

Inventor(s): W LATZKE ARNO ; WALTER LATZKE ARNO ; LATZKE ARNO WALTER CH 9429 ZELG WOLFHALDEN CH

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

Title: ATHLETIC **SHOE** CONSTRUCTION

Abstract: A supportive, lightweight athletic **shoe** construction is described which includes an inflatable upper and a sole. The upper includes a foot conforming support member, an inflatable exoskeleton and an overlay which inhibits outward bulging of the exoskeleton. The sole includes a rigid carrier element, a forefoot unit and a heel unit. The forefoot unit includes a plurality of components which are arranged to work with the biomechanics of the foot. The athletic **shoe** is structurally minimalistic and functionally efficient.

Classifications:

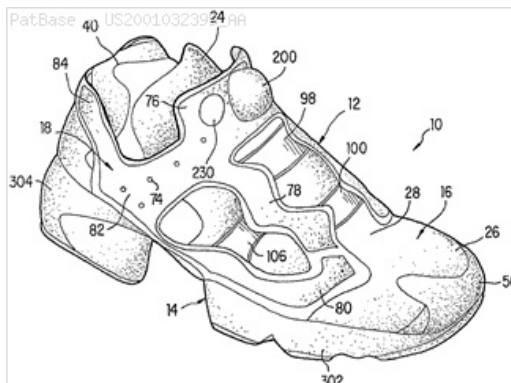
International (IPC 8-9): A43B13/14 A43B13/20 A43B17/03
A43B23/02 A43B23/26 A43B5/00 A43B5/04 A43B7/06 A43B7/14
A43B7/32 A43D21/00 (Advanced/Invention);
A43B23/02 A43B5/00 A43B7/14 A43D21/00 (Advanced/Non-invention);
A43B13/18 A43B17/00 A43B23/00 A43B23/02 A43B5/00 A43B5/04
A43B7/14 A43D21/00 (Core/Invention)

International (IPC 1-7): A43B10/00 A43B13/00 A43B13/04
A43B13/12 A43B13/14 A43B13/18 A43B13/20 A43B13/24
A43B17/03 A43B23/00 A43B23/02 A43B23/26 A43B5/00 A43B5/04
A43B7/00 A43B7/06 A43B7/14 A43B7/20 A43B7/32

CPC: A43B23/026 A43B23/029 A43B23/0255 A43B3/0005
A43B7/142 A43B1/0072 A43B5/00 A43B7/14 A43B13/14
A43B13/203 A43B23/0235 A43B23/025 A43B23/0295 A43B17/035
A43B5/0407 A43B23/26

European: A43B1/00T A43B13/14 A43B13/20P A43B17/03P
A43B23/02 A43B23/02C20 A43B23/26 A43B3/00E A43B5/00
A43B5/04B2 A43B7/14 A43B7/14A20A

US: 36/103 36/114 36/114S 36/129 36/129S 36/148 36/25.00R
36/25R 36/28 36/29 36/29S 36/30R 36/31 36/3A 36/45 36/45S 36/71 36/88 36/88P 36/91 36/93 383/100 383/103



Family:

Publication number	Publication date	Application number	Application date
AU199050998 A1	19900514	AU19900050998	19900208
AU199179612 A1	19911231	AU19910079612	19910523
AU199224813 A1	19930901	AU19920024813	19920817
AU199332317 A1	19930901	AU19930032317	19921130
AU630929 B2	19921112	AU19900050998	19900208
AU650270 B2	19940616	AU19910079612	19910523
AU656022 B2	19950119	AU19920024813	19920817
CA2026782 AA	19900809	CA19902026782	19900208
CA2026782 C	19980407	CA19902026782	19900208
CA2084080 AA	19921127	CA19912084080	19910523
CA2084080 C	20000111	CA19912084080	19910523
CA2107091 AA	19930927	CA19922107091	19920817
CA2107091 C	20030805	CA19922107091	19920817
DE69130980 D1	19990415	DE19916030980	19910523
DE69130980 T2	19991111	DE19916030980T	19910523
DE69233009 D1	20030522	DE19926033009	19920817
DE69233009 T2	20040122	DE19926033009T	19920817
EP0269577 A2	19880601	EP19870830313	19870828
EP0269577 A3	19881019	EP19870830313	19870828
EP0411099 A1	19910206	EP19900903493	19900208
EP0411099 A4	19920826	EP19900903493	19900208
EP0536202 A1	19930414	EP19910911589	19910523
EP0536202 A4	19940209	EP19910911589	19910523
EP0536202 B1	19990310	EP19910911589	19910523
EP0579786 A1	19940126	EP19920918234	19920817
EP0579786 A4	19940824	EP19920918234	19920817
EP0579786 B1	20030416	EP19920918234	19920817
EP0625013 A1	19941123	EP19930900741	19921130
EP0625013 A4	19951220	EP19930900741	19921130
ES2039319 T1	19931001	ES19900903493T	19900208
ES2191658 T3	20030916	ES19920918234T	19920817
FR2683432 A1	19930514	FR19920010170	19920820
FR2683432 B1	19941118	FR19920010170	19920820
GB2258801 A1	19930224	GB19920017711	19920820
GB2258801 B2	19950726	GB19920017711	19920820
GB9217711 A0	19920930	GB19920017711	19920820
IT209581 U	19881010	IT19860022853U	19860829
IT8622853 U0	19860829	IT19860022853U	19860829
JP2078640 C3	19960809	JP19910510271	19910523
JP3503855 T2	19910829	JP19900503554T	19900208
JP5507220 T2	19931021	JP19910510271T	19910523
JP6506384 T2	19940721	JP19930513173T	19920817
JP7112441 B4	19951206	JP19910510271	19910523
KR19947000017 A	19940221	KR19937002829	19920827
US2001032399 AA	20011025	US20010833565	20010413
US5113599 A	19920519	US19900588828	19900927
US5158767 A	19921027	US19900576147	19900830
US5319866 A	19940614	US19910748079	19910821
US5343638 A	19940906	US19930109995	19930823
US5987779 A	19991123	US19960632800	19960417
US6237251 BA	20010529	US19990409747	19991001

US6557274 BB	20030506	US20010833565	20010413
WO9004323 A2	19900503	WO1990US00753	19900208
WO9004323 A3	19900628	WO1990US00753	19900208
WO9118527 A1	19911212	WO1991US03610	19910523
WO9314658 A1	19930805	WO1992US06747	19920817
WO9314659 A1	19930805	WO1992US10338	19921130

Priority:

IT19860022853U	19860829	US19870089749	19870827	US19890307566	19890208
CA19902026782	19900208	WO1990US00753	19900208	US19900530854	19900530
US19900576147	19900830	US19900588828	19900927	WO1991US03610	19910523
US19910748079	19910821	US19920828440	19920131	US19920828443	19920131
US19920857493	19920325	WO1992US06747	19920817	WO1992US06747	19920827
WO1992US10338	19921130	WO1992US10338	19921130	US19930109995	19930823
US19930161610	19931206	US19930162961	19931208	US19940208787	19940311
US19950370189	19950109	US19950434755	19950504	US19950565235	19951130
US19960632800	19960417	US19970879255	19970619	US19990409747	19991001
US20010833565	20010413				

Probable Assignee: REEBOK INT LTD

Assignee(s): (std): ELLESSE INT SPA ; SCALZI THERESA S ; SMITH STEVEN F ; REEBOK INT LTD ; REEBOK INT LTD N D GES D ; REEBOK INTERNATIONAL LIMITED ; REEBOK INTERNATIONAL LTD ; REEBOK INTERNAT LTD N D GES D

Assignee(s): REEBOK INTERNATIONAL LTD N D GES D STAATES MASSACHUSETTS STOUGHTON ; SERVADIO LEONARDO ; REEBOK INT LTD NDGESD STAATES MASSACHUSETTS STOUGHTON ; COHEN ERIC D ; DE CASTRO JOSE TADEO ; REEBOK INTERNATIONAL LTD STOUGHTON MASS US ; REEBOK INTERNATIONAL LTD STOUGHTON ; REEBOK INT LTD N D GES D STAATES MASSAC ; REEBOK INT ; RIIBOTSUKU INTERN LTD ; ELLESSE INTERNATIONAL S P A ; FELLER CRAIG ; LITCHFIELD PAUL E ; MONTROSS MATTHEW ; FOLEY PETER M ; MARVIN WILLIAM ; MONAHAN ROBERT ; MOUNT LAURA K ; JONES MERRICK W ; JONES ANDREW R ; LACORAZZA DAVID ; LEGASSIE CHARLES P

Inventor(s): (std): BURRIS STEVEN J ; FOLEY M ; FOLEY PETER M ; LACORAZZA DAVID J ; LEGASSIE P ; LITCHFIELD E ; LITCHFIELD PAUL E ; PETER M FOLEY ; PHILLIPS MATTHEW L ; SMITH STEVEN F ; STEVEN F SMITH ; MOUNT LAURA K ; MONTROSS MATTHEW ; MONAHAN ROBERT ; MARVIN WILLIAM ; LITCHFIELD PAUL ; LIGGETT STEVEN P ; LEONARDO SERVADIO ; LEGASSIE CHARLES P ; LACORAZZA DAVID ; JONES MERRICK W ; JONES ANDREW R ; IGOE BRIAN F ; IGOE BRIAN ; FELLER CRAIG ; ERIC D COHEN ; DE KASUTORO HOSE TADEO ; DE CASTRO JOSE TADEO ; DE CASTRO JOSE T ; COHEN ERIC D ; CASTRO JOSE TADEO DE ; BURRIS STEVEN ; ANDREW R JONES ; STEVEN J BURRIS ; SMITH STEVEN ; PAUL E LITCHFIELD ; MATTHEW L PHILLIPS ; SERVADIO LEONARDO ; SCALZI THERESA S ; JOSE TADEO DE CASTRO ; DE CASTRO JOSE ; DAVID LACORAZZA ; DAVID J LACORAZZA ; JONES ANDREW ; COHEN ERIC ; CHARLES P LEGASSIE

Inventor(s): DE CASTRO JOSE TADEO BROOKLINE MA 02146 US ; BRIAN F IGOE ; COHEN ERIC D BELMONT MA 02178 US ; JONES ANDREW R ROSLINDALE MA 02131 US ; RITSUCHIFUIRUDO HOORU II ; LITCHFIELD PAUL E WORCESTER MA 01604 US ; SMITH STEVEN F TAUNTON MA 02780 US ; KOEN ERITSUKU DEII ; JOONZU ANDORYUU AARU ; STEVEN P LIGGETT ; SUMISU SUTETIIUN EFU

Agent(s): PETER MAXWELL AND ASSOCIATES; DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; OGILVY RENAULT LLP SENCRL SRL

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

Title: ORTHOPEDIC CASTING ARTICLE AND METHOD

Abstract: A casting article and method for forming an orthopedic cast around an animal body part. The article comprises a unitary blank having **first** and **second** lateral free edges. The blank is dimensioned and the free edges are shaped to extend the length of the body part and to at least circumferentially envelop the body part. The blank includes a pliant, extensible layer of a foam member, an extensible **fabric** bonded to the foam member and a curable resin which, upon activation of the resin and closure of the lateral free edges of the blank around the body part, results in the orthopedic cast.

Classifications:

International (IPC 8-9): A43B7/28 A61F13/00 A61F13/04 A61F5/01 A61F5/042 A61F5/058 A61F5/32 A61H1/02 A61L15/07 A61L15/12 A61L15/16 A61L15/26 A61L15/42 C08G18/10 C08J9/42 D04B21/16 (Advanced/Invention); A61F13/00 A61F13/04 A61L15/16 (Advanced/Non-invention); A61F13/04 A61L15/00 D04B21/14 (Core/Invention)

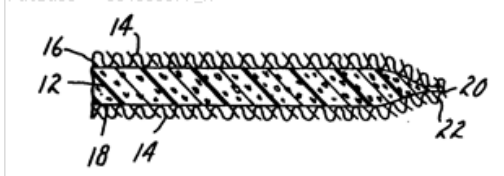
International (IPC 1-7): A43B13/04 A43B13/42 A43B19/00 A43B21/06 A43B3/12 A43B7/28 A43B7/32 A61F13/00 A61F13/04 A61F15/00 A61F3/00 A61F5/00 A61F5/01 A61F5/04 A61F5/14 A61F5/32 A61H1/02 A61L15/07 A61L15/16 A61L15/26 A61L15/42 B29C67/20 C08G18/10 C08J9/42

CPC: A61F5/0123 A61F2005/0137 A61F2005/0172 Y10S168/01 Y10S428/913 D04B21/16 D10B2509/024 Y10T428/239 Y10T428/233 Y10T428/31554 Y10T428/31601 Y10T428/249956 Y10T428/31562 Y10T428/31565 Y10T428/31576 Y10T428/31587 Y10T428/249954 Y10T428/249988 Y10T428/249991 Y10T428/249958 Y10T428/249983 Y10T428/249985 A43D999/00 A43B7/28 A61F5/01 A61F13/00987 A61F13/04 A61L15/12 A61L15/26 A61L15/425 C08G18/10 C08J9/42 C08J2205/05 C08J2475/00

European: A43B7/28 A43D999/00 A61F13/00M A61F13/04 A61F5/01 A61F5/01D3 A61L15/12 A61L15/26 A61L15/42E C08G18/10 C08J9/42 D04B21/16 K61F5/01D8B K61F5/01D8Q K61F5/01K1 M08J205/050 M08J475/00 N10B509/024

US: 128/581 128/586 128/595 128/80C 128/90 168/12 168/28 168/DIG.1 206/389 206/438 206/440 206/524.1 36/111 36/34A 36/34R 36/44 36/88 36/91 428/219 428/230 428/251 428/253 428/254 428/255 428/272 428/273 428/305.5 428/307.3 428/308.4 428/311.5 428/317.3 428/317.7 428/318.6 428/319.3 428/423.3 428/423.5 428/423.7 428/424.4 428/424.8 428/425.6 428/542.8 428/71 428/76 428/913 602/11 602/16 602/23 602/26 602/5 602/8 602/9

PatBase - US4683877_A

**Family:**

Publication number	Publication date	Application number	Application date
AT57610 E	19901115	AT19860307461T	19860929
AT62819 E	19910515	AT19880301234T	19880215
AU198661042 A1	19870409	AU19860061042	19860811
AU198811156 A1	19880825	AU19880011156	19880201
AU198821463 A1	19890309	AU19880021463	19880822
AU199228269 A1	19930603	AU19920028269	19921110
AU579023 B2	19881110	AU19860061042	19860811
AU599202 B2	19900712	AU19880011156	19880201
AU618750 B2	19920109	AU19880021463	19880822
AU653077 B2	19940915	AU19920028269	19921110
BRPI8800525 A	19880927	BR1988PI00525	19880209
CA1277559 A1	19901211	CA19860515073	19860731
CA1320882 A1	19930803	CA19880559051	19880217
CA1328381 A1	19940412	CA19880575442	19880823
CA2054846 AA	19920514	CA19912054846	19911101
CA2082458 AA	19930528	CA19922082458	19921109
DE3675156 D1	19901129	DE19863675156	19860929
DE3862482 D1	19910529	DE19883862482	19880215
DE3889172 D1	19940526	DE19883889172	19880902
DE3889172 T2	19941013	DE19883889172T	19880902
DE69229940 D1	19991014	DE19926029940	19921112
DE69229940 T2	20000316	DE19926029940T	19921112
EP0223366 A1	19870527	EP19860307461	19860929
EP0223366 B1	19901024	EP19860307461	19860929
EP0279612 A1	19880824	EP19880301234	19880215
EP0279612 B1	19910424	EP19880301234	19880215
EP0306327 A2	19890308	EP19880308142	19880902
EP0306327 A3	19901205	EP19880308142	19880902
EP0306327 B1	19940420	EP19880308142	19880902
EP0486241 A1	19920520	EP19910310393	19911111
EP0545565 A1	19930609	EP19920310309	19921112
EP0545565 B1	19990908	EP19920310309	19921112
JP1070043 A2	19890315	JP19880220286	19880902
JP1974287 C3	19950927	JP19860202603	19860828
JP2686271 B2	19971208	JP19880034949	19880217
JP4285552 A2	19921009	JP19910297121	19911113
JP5212102 A2	19930824	JP19920314865	19921125
JP62082957 A2	19870416	JP19860202603	19860828
JP63203155 A2	19880823	JP19880034949	19880217
JP64070043 A2	19890315	JP19880220286	19880902
JP7002175 B4	19950118	JP19860202603	19860828
KR19880009619 A	19881004	KR19880001678	19880217
KR960003509 B1	19960314	KR19880001678	19880217
KR960003509 B1	19960314	KR19920001678	19880217
US4683877 A	19870804	US19850784345	19851004
US4888225 A	19891219	US19880202500	19880603
US4893617 A	19900116	US19870083685	19870807
US4946726 A	19900807	US19870015972	19870218
US4968542 A	19901106	US19860903281	19860903
US5002047 A	19910326	US19870093408	19870904

US5007418 A	19910416	US19890433846	19891109
US5042464 A	19910827	US19900612411	19901113
US5195945 A	19930323	US19910674565	19910325
US5203764 A	19930420	US19910800571	19911127
US5324252 A	19940628	US19930000980	19930106

Priority:

US19850784345 19851004	CA19860515073 19860731	US19860903281 19860903
EP19860307461 19860929	EP19860307461 19860929	US19870015972 19870218
US19870083685 19870807	US19870093408 19870904	EP19880301234 19880215
EP19880301234 19880215	CA19880559051 19880217	US19880202500 19880603
CA19880575442 19880823	US19890433846 19891109	US19900612411 19901113
US19910674565 19910325	CA19912054846 19911101	US19910800571 19911127
CA19922082458 19921109	US19930000980 19930106	

Probable Assignee: 3M CO

Assignee(s): (std): MINNESOTA MINING AND MANUFACTURING COMPANY ; 3M CO ; SANDVIG TIMOTHY C ; MINNESOTA MINING AND MFG

Assignee(s): MINNESOTA MINING AND MFG CO ; BARTIZAL DENNIS C ; BRAMLAGE LAWRENCE R ; ERSFELD DEAN A ; GOBRAN DIANE S ; LANGE FRANKLIN S ; LIBBEY CHRISTOPHER J ; MINNESOTA MINING AND MFG CO A CORP OF DE ; MINNESOTA MINING AND MFG CO SAINT PAUL MINNESOTA A ; MINNESOTA MINING AND MFG CO ST PAUL MN A CORP OF D ; MINNESOTA MINING AND MFG CO A CORP OF DELAWARE ; MINNESOTA MINING AND MANUFACTURING CO ; MINNESOTA MINING AND MFG CO SAINT PAUL MINN US ; MINNESOTA MINING AND MFG CO SAINT PAUL MINN ; MINNESOTA MINING AND MFG CO It 3M gt ; MINNESOTA MINING AND MFG CO ST PAUL MN A CORP OF DE ; SCHOLZ MATTHEW T ; SKWOR EDWARD P

Inventor(s): (std): BARTIZAL DENNIS CHARLES ; BRAMLAGE LAWRENCE R ; BRAMLAGE LAWRENCE ROBERT ; CAMPAGNA ANTHONY J ; CHRISTOPHER JOSEPH LIBBEY ; DEAN ARNOLD ERSFELD ; DENISU CHIYAARUZU BAAATEIZARU ; DENNIS CHARLES BARTIZAL ; DIANE S GOBRAN ; DIANE SHAFEA GOBRAN ; ERSFELD DEAN A ; ERSFELD DEAN A C O MINNESOTA M ; BARTIAL DENNIS C ; BARTIZAI DENNIS C ; BARTIZAL DENNIS C ; BARTIZAL DENNIS C C O MINNESOT ; ERSFELD DEAN ARNOLD ; GASPER ALTON J ; GOBRAN DIANE S ; GOBRAN DIANE S C O MINNESOTA M ; GOBRAN DIANE SHAFEA ; KURISUTOFUAA JIYOSUFU RIBEI ; LANGE FRANKLIN S ; LAWRENCE ROBERT BRAMLAGE ; LIBBEY CHRIS J ; LIBBEY CHRISTOPHER J ; LIBBEY CHRISTOPHER JOSEPH ; MATTHEW THOMAS SCHOLZ ; MATTHEW THOMAS SCHULZ ; ROORENSU ROBAATO BURAMUREIJI ; SANDVIG TIMOTHY C ; SANDVIG TIMOTHY C C O MINNESOT ; SCHOLZ MATTHEW THOMAS ; SCHULZ MATTHEW THOMAS ; SKWOR EDWARD P ; TEIMOSHII CHIYAARUZU SANDOBIGU ; TEIMOSHII CHIYAARUZU SANDOBITS ; TIMOTHY CHARLES SANDVIG ; SANDVIG TIMOTHY CHARLES ; SCHOLZ MATTHEW T ; SCHOLZ MATTHEW T C O MINNESOTA

Inventor(s): SCHOLZ MATTHEW T C O MINNESOTA MINING AND ; SCHOLZ MATTHEW T C O MINNESOTA MINING AND P O BOX 33427 ST PAUL MINNESOTA 55133 US ; SCHOLZ MATTHEW T C O MINNESOTA MINING AND PO BOX 33427 ST PAUL MINNESOTA 55133 US ; TIMOTHY C SANDVIG ; SCHOLZ MATTHEW T C O MINNESOTA MINING AND P O BOX ; MATTHEW T SCHOLZ ; DENNIS C BARTIZAI ; SANDVIG TIMOTHY C C O MINNESOTA MINING AND ST PAUL ; BARTIZAL DENNIS C C O MINNESOTA MINING AND ST PAUL ; GOBRAN DIANE S C O MINNESOTA MINING AND ST PAUL MI ; SANDVIG TIMOTHY C C O MINNESOTA MINING AND ; SANDVIG TIMOTHY C C O MINNESOTA MINING AND ST PAUL MINNESOTA 55133 3427 ; SANDVIG TIMOTHY C C O MINNESOTA MINING AND ST PAUL MINNESOTA 55133 3427 US ; GOBRAN DIANE S C O MINNESOTA MINING AND ; GOBRAN DIANE S C O MINNESOTA MINING AND ST PAUL MINNESOTA 55133 3427 US ; BARTIZAL DENNIS C C O MINNESOTA MINING AND ; BARTIZAL DENNIS C C O MINNESOTA MINING AND ST PAUL MINNESOTA 55133 3427 ; BARTIZAL DENNIS C C O MINNESOTA MINING AND ST PAUL MINNESOTA 55133 3427 US ; ERSFELD DEAN A C O MINNESOTA MINING AND

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

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

Title: PRESSURIZABLE ENVELOPE AND METHOD

Abstract: An **internally** pressurizable lightweight high tensile strength multi-layered envelope is provided. An **outer** barrier layer of elastomeric semi-permeable material is mechanically bonded at a multiplicity of sites where substantially the entire distal surfaces of a double-walled drop thread linked **fabric**. The composite structure defines a substantially flat thin lightweight product which is capable of withstanding very substantial pressures.

Classifications:

International (IPC 8-9): A43B13/12 A43B13/18 A43B13/20

A43B13/37 A43B13/38 A43B13/40 A43B17/02 A43B17/03 B32B1/04

B32B27/12 B32B5/08 B32B7/02 B32B7/04 D03D11/00

F16F9/04 (Advanced/Invention);

A43B13/00 A43B13/02 A43B13/18 A43B13/38 A43B17/00 B32B1/04

B32B27/12 B32B5/08 B32B7/02 B32B7/04 D03D11/00

F16F9/02 (Core/Invention)

International (IPC 1-7): A41D13/00 A41D19/00 A42B3/00 A42B3/02

A43B13/12 A43B13/18 A43B13/20 A43B13/37 A43B13/37

A43B13/38 A43B13/38 A43B13/40 A43B17/00 A43B17/02

A43B17/03 A43B17/03 A43B17/16 A43B5/00 A43B5/06 A43B5/06

A43B7/14 A43B7/22 A43B7/32 A47C27/08 A61F5/14 A61F5/34

A63B5/18 A63B71/08 B01J3/00 B23D57/02 B25D17/04 B25F5/02 B25G1/00 B25G1/10 B29C67/14 B29D22/00 B29D9/00

B32B 1/04 B32B1/04 B32B5/08 B32B7/00 B32B7/04 B62K21/26 B65D3/22 B65D81/04 B68C1/08 B68G5/00 C07C D02G1/00

D02G1/16 D02J3/00 D03D1/02 D03D11/00 D03D17/00 D06N7/00 E04B1/62 E04F15/22 F16F9/04 F16F9/06 F41H1/04

CPC: B32B27/12 D04B21/16 D10B2403/0122 D10B2403/021 A43B13/12 B32B5/08 B32B7/04 D10B2501/043 A43B13/189

A43B13/20 A43B17/035 D03D11/00 F16F9/0409 Y10T428/231 Y10T428/233 Y10T428/239 Y10T428/24174 Y10T428/24182

Y10T428/24777 Y10T29/49877 Y10T428/23914 Y10T428/249953 Y10T428/249987 D10B2403/022 B32B5/02 B32B27/08

B32B27/34 B32B27/36 B32B2262/0261 B32B2305/18 B32B2307/514 B32B2307/704 B32B2367/00 B32B2377/00

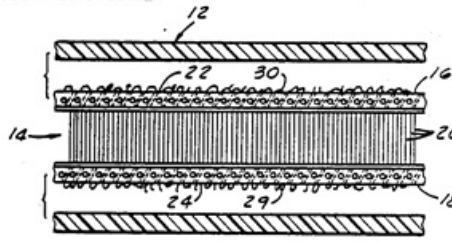
B32B2437/02 B32B7/02 A43B17/026

European: A43B13/18G A43B13/20 A43B17/02G A43B17/03P B32B27/12 B32B7/02 B32B7/04 D03D11/00 F16F9/04A

US: 128/383 156/145 29/454 36/29 36/43 36/44 428/119 428/120 428/192 428/250 428/253 428/261 428/304.4 428/318.4

428/69 428/71 428/76 428/86 493/210

PatBase - US4906502_A

**Family:**

Publication number	Publication date	Application number	Application date
AU198928962 A1	19890810	AU19890028962	19890201
AU615022 B2	19910919	AU19890028962	19890201
BE1003892 AF	19920707	BE19890000110	19890206
BRPI8900542 A	19891003	BR1989PI00542	19890203
CA1336798 A1	19950829	CA19890590158	19890203
CA1341337 A2	20020129	CA19890616957	19890203
CH680828 A	19921130	CH19890000395	19890203
CN1028717 C	19950607	CN19891001865	19890204
CN1037828 A	19891213	CN19891001865	19890204
DE3903242 A1	19890817	DE19893903242	19890203
DE3903242 B4	20040715	DE19893903242	19890203
DK174485 B1	20030414	DK19890000455	19890201
DK45589 A	19890806	DK19890000455	19890201
DK45589 A0	19890201	DK19890000455	19890201
ES2018104 AF	19910316	ES19890000387	19890203
FR2627356 A1	19890825	FR19890001440	19890203
FR2627356 B1	19940610	FR19890001440	19890203
GB2217576 A1	19891101	GB19890002474	19890203
GB2217576 B2	19921014	GB19890002474	19890203
GB2251367 A1	19920708	GB19920001174	19920120
GB2251367 B2	19921014	GB19920001174	19920120
GB2251368 A1	19920708	GB19920001175	19920120
GB2251368 B2	19921014	GB19920001175	19920120
GB8902474 A0	19890322	GB19890002474	19890203
GB9201174 A0	19920311	GB19920001174	19920120
GB9201175 A0	19920311	GB19920001175	19920120
HK104693 A	19931015	HK19930001046	19931007
HK104793 A	19931015	HK19930001047	19931007
HK6795 A	19950127	HK19950000067	19950119
IT1228614 A	19910625	IT19890019303	19890203
IT8919303 A0	19890203	IT19890019303	19890203
JP1964791 C3	19950825	JP19890026500	19890204
JP3068303 A2	19910325	JP19890026500	19890204
JP6098051 B4	19941207	JP19890026500	19890204
KR19890012586 A	19890918	KR19890001355	19890204
KR950003249 B1	19950407	KR19890001355	19890204
NL194028 B	20010102	NL19890000273	19890203
NL194028 C	20010503	NL19890000273	19890203
NL8900273 A	19890901	NL19890000273	19890203
NZ227810 A	19910827	NZ19890227810	19890131
PT89634 A	19891004	PT19890089634	19890203
PT89634 B	19940131	PT19890089634	19890203
SE469590 B	19930802	SE19890000363	19890202
SE469590 C	19931125	SE19890000363	19890202
SE8900363 A	19890202	SE19890000363	19890202
SE8900363 A0	19890202	SE19890000363	19890202
SE8900363 L	19890202	SE19890000363	19890202
SG9390695 A	19930806	SG19930090695	19930528
SG9390696 A	19930806	SG19930090696	19930528

SG9390697 A	19930806	SG19930090697	19930528
TH22145 A	19961211	TH19891000110	19890206
TH23577 B	20080421	TH19891000110	19890206
TH40502 A	20000928	TH19991001902	19990601
US4906502 A	19900306	US19880147131	19880205
US5083361 A	19920128	US19910680428	19910404
US5543194 A	19960806	US19910680248	19910403
YU26189 A	19910831	YU19890000261	19890203

Priority:

US19880147131 19880205	US19890297910 19890119	CA19890590158 19890203
CA19890616957 19890203	GB19890002474 19890203	US19910680248 19910403
US19910680428 19910404	GB19920001175 19920120	GB19920001174 19920120

Probable Assignee: BOGERT ROBERT C

Assignee(s): (std): BOGERT ROBERT C ; RUDY M F ; MARLON FRANKLIN RUDY ; MARION FURANKURIN RUDEI ; RUDY MARION F

Assignee(s): RUDY MARION ; RUDY MARION FRANKLIN ; RUDY MARION FRANKLIN NORTHRIDGE CALIF US ; RUDY MARION FRANKLIN NORTHRIDGE CALIF ; Rudy ; Marion Frankiln ; MARION FRANKLIN RUDY ; MARION FRANKLIN RUDY TE NORTHRIDGE CALIFORNIE VER ST V AM

Inventor(s): (std): MARION FRANKLIN RUDY ; MARION FURANKURIN RUDEI ; RUDY MARION F ; RUDY MARION FRANKLIN

Inventor(s): RUDY MARION FRANKLIN NORTHRIDGE CALIF ; RUDY MARION FRANKLIN NORTHRIDGE CALIF US ; Rudy ; Marion Frankiln ; MARION FRANKLIN RUDY

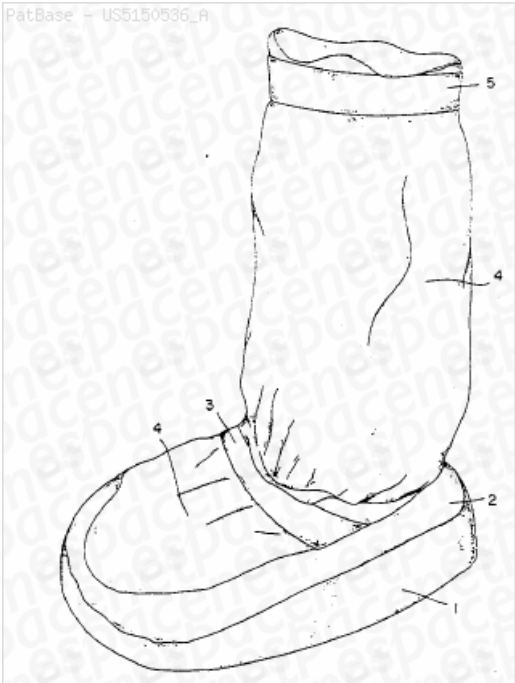
Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; DENNISON ASSOCIATES

Title: Winter weather footwear article

Abstract: A footwear article for winter weather conditions, worn as a **boot**, overboot or overshoe, having a flat, unitary sole piece constructed of Papermaker's Wet Felt which provides good traction over ice and snow surfaces. The footwear article may also have an insole having layers of closed-cell foam insulation and which is oversized compared to the foot of the wearer. The article may further have an upper. The sole piece, upper and other **external** surfaces are of breathable, light-weight materials.

Classifications:

International (IPC 8-9): A43B3/16 (Advanced/Invention)
International (IPC 1-7): A43B1/02 A43B3/16 A43C15/06
CPC: A43B3/16
European: A43B3/16
US: 36/44 36/59C 36/7.1R 36/7.6 36/710R 36/9R



Family:

Publication number	Publication date	Application number	Application date
US5150536 A	19920929	US19900462637	19900109
US5553399 A	19960910	US19940337963	19941114

Priority:

US19900462637 19900109 US19920952947 19920928 US19940337963 19941114

Probable Assignee:

STRONG MOLLY

Assignee(s): (std):

STRONG MOLLY

Inventor(s): (std):

STRONG MOLLY

Title: Method for seamless construction of **molded** elastomer products

Abstract: A process which allows elastomeric materials of different colors, durometers and/or other material characteristics to chemically bond to one another so as to eliminate any possibility of delamination. Latex-based liquid elastomer solutions having different material characteristics are applied sequentially to a heated **mold** to form a series of layers making up the article, with rapid partial curing taking place between each application; the partial curing forms a skin coat over each layer which prevents intermixing of the different solutions, but which still permits a chemical bond to form during full curing of the materials. The process applies equally to dip (immersion) **molded** and flat **molded** goods. An example of the invention as it relates to flat-**molded** goods is an athletic **shoe** sole, and an example as it relates to dip-**molded** goods is a resilient, one piece watersports **boot** which can be fitted over a human foot without a zipper.

Classifications:

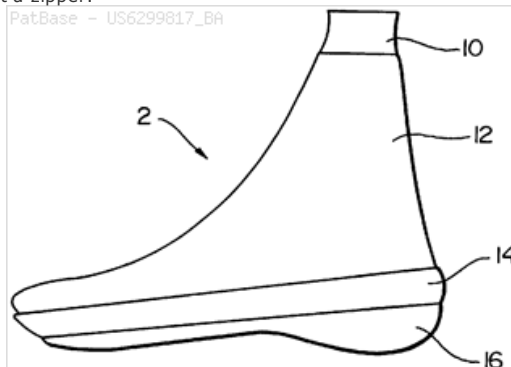
International (IPC 8-9): A43B1/10 A43B3/02 A43B5/08 A43B7/12 B29C41/14 B29C41/20 B29C41/22 B29C41/46 (Advanced/Invention); B29K21/00 B29L22/00 B29L9/00 B32B31/00 (Advanced/Non-invention); A43B1/00 A43B3/00 A43B5/00 A43B7/00 B29C41/02 B29C41/14 B29C41/22 B29C41/34 (Core/Invention)

International (IPC 1-7): A43B1/10 A43B5/00 B29C33/06 B29C33/38 B29C41/14 B29C41/20 B29C41/22 B29C41/46 B29K21/00 B29L22/00 B29L9/00 B32B31/00

CPC: A43B1/10 A43B3/02 A43B5/08 A43B7/12 B29C41/14 B29C41/22 B29K2027/06 B29K2105/0038 B29K2105/0044 B29K2105/0061

European: A43B1/10 A43B3/02 A43B5/08 A43B7/12 B29C41/14 B29C41/22 L29K105/00E14 L29K105/00E18 L29K105/00G2 L29K27/06

US: 12/142E 249/115 264/219 264/236 264/245 264/246 264/255 264/301 264/306 264/347 264/402 425/112 425/174.4 425/275



Family:

Publication number	Publication date	Application number	Application date
AU199213687 A1	19921021	AU19920013687	19920312
CA2257616 AA	19990630	CA19982257616	19981229
JP11268055 A2	19991005	JP19990034607	19990104
KR19990063571 A	19990726	KR19980062580	19981230
US6299817 BA	20011009	US19970001334	19971230
WO9216119 A1	19921001	WO1992CA00106	19920312

Priority:

US19900598156 19901016	US19910667882 19910312	WO1992CA00106 19920312
US19920878199 19920504	US19940222331 19940404	US19940367673 19941230
US19960706444 19960830	US19970001334 19971230	CA19982257616 19981229
KR19980062580 19981230		

Probable Assignee: WETLESS AQUA GEAR LTD

Assignee(s): (std): PARKINSON KEVIN G

Assignee(s): WETLESS AQUA GEAR LTD ; KEVIN G PARKINSON

Inventor(s): (std): KEVIN G PARKINSON ; PARKINSON KEVIN G

Agent(s): BORDEN LADNER GERVAIS LLP

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IT JP KP KR LK LU MC MG ML MN MR MW NL NO PL RO RU SD SE SN TD TG

Title: GEL CUSHION COMPRISING RUBBER POLYMER AND OIL

Abstract: A shoe that conforms to foot contours and provides cushioning is comprised of a shoe sole and a shoe upper attached to the shoe sole. The shoe upper is comprised of an outer layer, an inner layer and a conforming layer therebetween, wherein a first portion of the conforming layer is comprised of viscoelastic gel and a second portion of the conforming layer is comprised of environmentally-responsive gel. The environmentally-responsive gel is preferably a temperature-responsive gel that will react to the heat emanating from a foot inserted into the shoe to express a liquid. The viscoelastic gel is preferably a soft, flowable gel that conforms to foot contours.

Classifications:

International (IPC 8-9): A41C3/10 A42B1/22 A42B3/12 A43B13/04

A43B13/18 A43B13/38 A43B17/14 A43B17/16 A43B19/00

A43B23/02 A43B23/26 A43B7/02 A43B7/14 A43B7/16 A43B7/18

A43B7/28 A47C27/08 A61K47/34 A61K8/91 A61Q19/00 A61Q7/00

A63B71/08 A63B71/14 B23B3/26 B23B9/00 B29D31/515

B29D31/518 B29D35/00 B29D35/12 B29D35/14 B32B27/06

C08G85/00 C08J3/075 C08L101/00 C08L71/02 (Advanced/Invention);

A63B71/08 (Advanced/Non-invention);

A41C3/00 A42B1/00 A42B3/04 A43B13/18 A43B13/38 A43B17/00

A43B19/00 A43B23/00 A43B23/02 A43B7/00 A43B7/14 A47C27/08

A61K47/34 A61K8/72 A61Q19/00 A61Q7/00 A63B71/08 B29D35/00

B32B27/06 C08L71/00 (Core/Invention);

A43B13/04 A43B13/18 A43B17/14 A43B19/00 (Core/Non-invention)

International (IPC 1-7): A41C3/10 A41D13/10 A42B1/22 A42B3/12

A43B13/04 A43B13/18 A43B13/20 A43B13/38 A43B17/14

A43B19/00 A43B3/26 A43B7/14 A43B7/28 A47C27/00 A61F15/00

A61G7/00 A61G7/04 B23B3/26 B23B9/00 B29C31/50 B29C65/00

B29C71/00 B29D31/50 B32B3/26 B32B5/18 B32B9/00 C01F8/00

C08G85/00 C08J3/075 C08L101/00 C08L33/24

CPC: A61K8/042 A61K8/91 A61K2800/54 A61Q5/02 A61Q7/00

A61Q17/04 A61Q19/00 A43B23/0235 A43B23/0285 A41C3/146

A43B7/28 A43B13/189 A43B23/26 A63B71/081 A63B71/143

B29D35/14 B29D35/142 A41C3/10 A42B1/22 A43B1/0072

A43B23/0255 A43B1/0036 A43B1/0054 A61K47/34 Y10T428/1352 A43B7/02 A43B7/1495 A43B7/16 A43B17/16 B29D35/146

C08L71/02 Y10T428/13 B29D35/126 A43B7/14 A43B7/141 A43B7/142 A43B7/144 A43B7/18 A43B13/187 A43B19/00

B32B27/06 Y10T428/249971 Y10T428/249972 Y10T428/249987 A47C27/085 A42B3/121

European: A41C3/10 A42B1/22 A42B3/12B A43B1/00C10 A43B1/00M A43B1/00T A43B13/18F A43B13/18G A43B17/16

A43B19/00 A43B23/02 A43B23/02C20 A43B23/26 A43B7/02 A43B7/14 A43B7/14A10 A43B7/14A20A A43B7/14A20H

A43B7/14C A43B7/16 A43B7/18 A43B7/28 A47C27/08B A61K47/34 A61K8/04A A61K8/91 A61Q17/04 A61Q19/00 A61Q5/02

A63B71/14G2 B29D35/12D B29D35/14 B29D35/14D B29D35/14D B32B27/06 C08L71/02 K41C3/14C2 K61K201/30

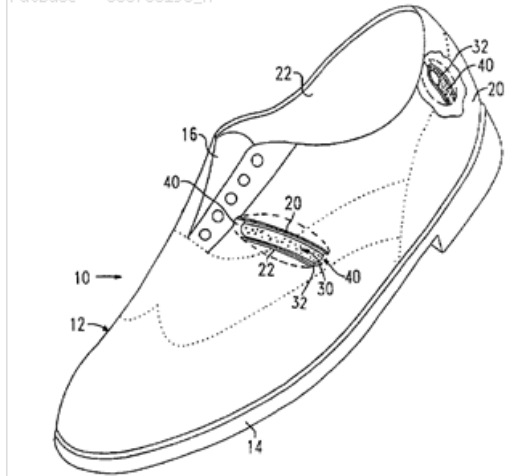
K61K800/54 K61Q7/00 K63B71/08A K63B71/14G2

US: 12/142.00R 12/142R 12/146 264/238 264/244 264/46.4 264/46.5 264/46.6 3/450 36/28 36/29 36/35B 36/37 36/88

36/93 428/313.3 428/313.5 428/318.4 428/34.1 428/35.7 523/105 523/300 524/310 524/474 524/521 524/556 524/558

525/218

PatBase - US5756195_A



Family:

Publication number	Publication date	Application number	Application date
AU199652529 A1	19961002	AU19960052529	19960314
AU199655239 A1	19961002	AU19960055239	19960315
AU199658501 A1	19961002	AU19960058501	19960315
AU199663857 A1	19970115	AU19960063857	19960614
CA2190255 AA	19961113	CA19962190255	19960315
CA2215416 AA	19970915	CA19962215416	19960314
CA2230727 AA	19971210	CA19962230727	19960614
CN1185721 A	19980624	CN19961093754	19960314
EP0759709 A1	19970305	EP19960912415	19960315
EP0759710 A1	19970305	EP19960920098	19960315
EP0824326 A1	19980225	EP19960908810	19960314
EP0824326 A4	19981111	EP19960908810	19960314
EP0832151 A2	19980401	EP19960923310	19960614
IN01226MA1995 A	20100319	IN1995MA01226	19950921
JP10500350 T2	19980113	JP19960527815T	19960315
JP11501847 T2	19990216	JP19960527824T	19960314
JP2002516617 T2	20020604	JP19970503368T	19960614
MX9706981 A1	19971129	MX19970006981	19960314
TH19651 A	19960716	TH19951002361	19950922
TH23441 A	19970210	TH19961000777	19960315
TW301601 B	19970401	TW19950112662	19951128
TW377281 B	19991221	TW19960103114	19960315
US5756195 A	19980526	US19950488528	19950607
US5766704 A	19980616	US19960614758	19960313
US5827459 A	19981027	US19960604309	19960221
US5939157 A	19990817	US19950550333	19951030
US5939485 A	19990817	US19960580986	19960103
US5955159 A	19990921	US19950549299	19951027
US5985383 A	19991116	US19960616130	19960314
WO9628055 A1	19960919	WO1996US03505	19960314
WO9628056 A1	19960919	WO1996US03470	19960315
WO9628057 A1	19960919	WO1996US03480	19960315
WO9700275 A2	19970103	WO1996US10376	19960614
WO9700275 A3	19970306	WO1996US10376	19960614
ZA9602135 A	19970915	ZA19960002135	19960315

Priority:

US19950404675 19950315

US19950000208P 19950616

US19950488528 19950607

US19950000312 19950619

US19950000208 19950616

US19950000312P 19950619

US19950549299	19951027	US19950008053	19951030	US19950008053P	19951030
US19950550333	19951030	US19950008057P	19951219	US19950008057	19951219
US19950008857	19951219	US19950008857P	19951219	US19960580986	19960103
US19960011506	19960212	US19960011506P	19960212	US19960012221	19960221
US19960012221P	19960221	US19960604309	19960221	US19960012221P	19960223
US19960012869	19960303	US19960012869P	19960303	US19960012868	19960305
US19960012868P	19960305	US19960012869P	19960305	US19960614758	19960313
US19960616130	19960314	WO1996US03505	19960314	WO1996US03470	19960315
WO1996US03480	19960315	US19960017158P	19960520	US19960017158	19960520
WO1996US10376	19960614				

Probable Assignee: ACUSHNET CO

Assignee(s): (std): GEL SCIENCES INC ; LUPTON E CORNELIUS ; HAND BARRY ; LEVY RHONDA ; GOLD HARRIS ; JENS STEPHEN ; LUPTON E C ; GOLDMAN NEIL ; SCHILLER MATTHEW E ; TIMM MARY J ; MCKINNEY GEORGE W III ; ORKISZ MICHAL ; MCKINNEY GEORGE W ; TANENBAUM JAMES ; TIMM M J ; ORKISZ MICHAEL ; SCHILLER MATTHEW ; MEDLOGIC GLOBAL CORP ; ACUSHNET CO ; BROMBERG LEV

Assignee(s): FLOWERS PARK LTD ; PETROVIC ZORAN ; TIMM MJ ; WELLS FARGO BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; Acushnet Company ; ACUSHNET COMPANYUS ; ACUSHNET COUS ; ALLEN BERNIE ; TRANSAMERICA BUSINESS CREDIT CORP ; MEDLOGIC GLOBAL LTD ; TIMM M ; LUPTON E ; KOREA DEVELOPMENT BANK NEW YORK BRANCH ; JAVNI IVAN ; GOLDMAN NEIL M ; LUPTON EC

Inventor(s): (std): ALLEN BERNIE ; ARLUN B ; BROMBERG LEV ; DOUG ROBINSON ; E CORNELIUS LUPTON ; GOLDMAN NEIL ; GOLDMAN NEIL M ; HAND BARRY ; GOLD HARRIS ; JAMES TANENBAUM ; LEV BROMBERG ; LEVY RHONDA ; LUPTON E C ; LUPTON E CORNELIUS ; LUPTON ELMER CORNELIUS E C ; M J TIMM ; MATTHEW E SCHILLER ; MATTHEW SCHILLER ; MCKINNEY GEORGE ; MCKINNEY GEORGE W ; MCKINNEY GEORGE W III ; NEIL GOLDMAN ; NEIL M GOLDMAN ; ORKISZ MICHAEL ; ORKISZ MICHAL ; PATROVY Z ; PETROVIC ZORAN ; SCHILLER MATTHEW ; SCHILLER MATTHEW E ; JAVNI IVAN ; JENS STEPHEN ; TANENBAUM JAMES ; TIMM M J ; TIMM M J GREAT ROAD ; TIMM MARY J ; TIMM MARY JO M J ; YANNY I ; ZORAN PETROVIC ; Z PATROVY ; TIMM MJ ; STEPHEN JENS ; RHONDA LEVY ; MICHAL ORKISZ ; MICHAEL ORKISZ ; MARY J TIMM ; LUPTON EC ; IVAN JAVNI ; I YANNY ; HARRIS GOLD ; GEORGE W MCKINNEY ; E C LUPTON ; BERNIE ALLEN ; BARRY HAND ; B ARLUN

Inventor(s): LUPTON E ; MJ TIMM ; ZORAN PETROVICH ; Allen ; TIMM M ; JOHN J ERICKSON ; STEPHEN C JENS ; Neil M. ; Javni ; Goldman ; Ivan ; etc. ; BARRY J HAND ; Bernie

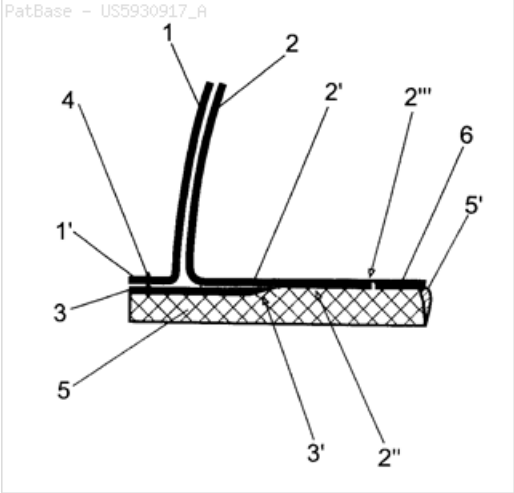
Agent(s): PHILLIPS ORMONDE FITZPATRICK; FB RICE; FB RICE PTY LTD; BLAKE CASSELS AND GRAYDON LLP; OSLER HOSKIN AND HARCOURT LLP

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

Title: Waterproof shoe

Abstract: PCT No. PCT/EP96/02362 Sec. 371 Date Nov. 21, 1997 Sec. 102(e) Date Nov. 21, 1997 PCT Filed May 31, 1996 PCT Pub. No. WO96/41549 PCT Pub. Date Dec. 27, 1996A shoe structure includes an upper, including at least an outer layer and a lining, an insole, and a sole. The lining lines the inside of the outer layer and includes a waterproof and water-vapor permeable functional layer. The insole is connected to a lower end area of the outer layer. The lower end area of the lining is turned back to the inside in the sole area at least approximately parallel to the direction in which the sole extends, whereby the turned back area of the lining is shortened to a width of between 0.5 and 3 cm. Cut-outs are made in the insole, at least in the area in which the turned back lower end area of the lining ends. The lower end area of the lining is embedded in a synthetic material which fills the cut-outs in the insole in such a manner that at least the surface of the end area of the lining facing the inner area of the shoe structure forms a continuous surface with the surface of the synthetic material facing the inner area of the shoe structure. The functional layer is bonded with the synthetic material in a waterproof manner in the lower end area of the lining and at the extreme edge area of the lining.

Classifications:
International (IPC 8-9): A43B7/12 A43B9/00
A43B9/02 (Advanced/Invention);
A43B7/00 A43B9/00 (Core/Invention)
International (IPC 1-7): A43B13/08 A43B13/28 A43B7/12
CPC: A43B7/125 A43B9/00 A43B9/02
European: A43B7/12B A43B9/00 A43B9/02
US: 12/142RS 12/142T 36/12 36/120 36/14 36/140 36/16 36/17R 36/19.5 36/195 36/55



Family:

Publication number	Publication date	Application number	Application date
AT196832 E	20001015	AT19960917482T	19960531
AT197536 E	20001215	AT19960920763T	19960531
AU199660041 A1	19970109	AU19960060041	19960531
AU199661899 A1	19970109	AU19960061899	19960531
DE59605987 D1	20001116	DE19965005987	19960531
DE59606145 D1	20001221	DE19965006145	19960531
EP0830072 A1	19980325	EP19960917482	19960531
EP0830072 B1	20001011	EP19960917482	19960531
EP0830073 A1	19980325	EP19960920763	19960531
EP0830073 B1	20001115	EP19960920763	19960531
JP11507560 T2	19990706	JP19970502558T	19960531
JP11507561 T2	19990706	JP19970502559T	19960531
US5930917 A	19990803	US19970952515	19971121
US5943791 A	19990831	US19970945105	19971202
WO9641548 A1	19961227	WO1996EP02361	19960531
WO9641549 A1	19961227	WO1996EP02362	19960531

Priority:

DE19951021107	19950609	DE19961008139	19960302	DE19961011337	19960322
WO1996EP02361	19960531	DE19965006145	19960531	DE19965005987	19960531
WO1996EP02362	19960531				

Probable Assignee: SYMPATEX TECHNOLOGIES GMBH

Assignee(s): (std): AKZO NOBEL NV ; HADERLEIN MANFRED GUENTER ; PAVELESCU LIVIU MIHAI

Assignee(s): SYMPATEX TECHNOLOGIES GMBH ; AKZO NOBEL N V ; AKZO NOBEL N V ARNHEIM ARNHEN

Inventor(s): (std): HADERLEIN GUENTER ; HADERLEIN MANFRED GUENTER ; HADERLEIN MANFRED GUNTER ; PAVELESCU LIVIU MIHAI ; PAVELESCU MIHAI

Inventor(s): LIVIU MIHAI PAVELESCU ; MANFRED GUNTER HADERLEIN

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

Title: Ergonomic systems and methods providing intelligent adaptive surfaces and temperature control

Abstract: Ergonomic systems which provide medical therapy, comfort and enhanced function are provided. Surfaces are provided with adjustable contour, transient force damping and temperature. The technologies are applied to footwear, seating surfaces a cryotherapy devices. The cooling and cryotherapy system employ an evaporator in close proximity to skin, and therefore employ methods to reduce risk of frostbite. Advanced control and power supply options are disclosed.

Classifications:

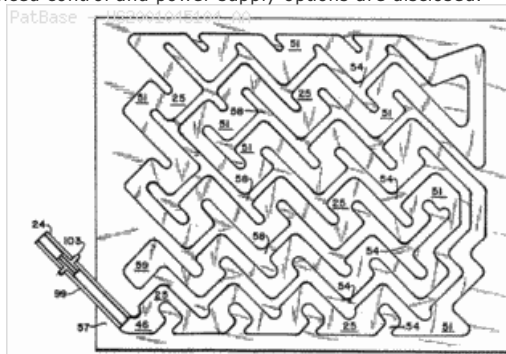
International (IPC 8-9): A43B13/18 A43B13/20 A43B7/14 A61F7/10 F28F3/12 (Advanced/Invention); A61F7/00 F28D20/02 (Advanced/Non-invention)

International (IPC 1-7): A43B7/14 A61F7/02 F25B1/10 F25B19/00

CPC: A43B1/0054 A43B3/0005 A43B3/0015 A43B3/0026 A43B7/02 A43B7/04 A43B7/06 A43B7/14 A43B7/1415 A43B13/14 A43B13/181 A43B13/189 A43B13/203 A43B13/206 A61F7/02 A61F7/10 A61F2007/0002 A61F2007/0027 A61F2007/0029 A61F2007/0039 A61F2007/0058 A61F2007/0076 A61F2007/0225 A61F2007/0233 A61F2007/0295 B60N2/5621 B60N2/5685 B60N2/5692 F28D20/02 F28D2021/0071 F28F3/12 A61F2007/0045 A61F2007/0054 A61F2007/0065 A61F2007/0094

European: A43B1/00M A43B13/14 A43B13/18A A43B13/18G A43B13/20P A43B13/20T A43B3/00E A43B3/00E20 A43B3/00M A43B7/02 A43B7/04 A43B7/06 A43B7/14 A43B7/14A20 A61F7/02 A61F7/10 B60N2/56C4 B60N2/56E2 B60N2/56E4 F28F3/12 K61F7/00A2 K61F7/00A3L K61F7/00A4 K61F7/00A5 K61F7/00A5H K61F7/00C K61F7/00C2B K61F7/00D2A2 K61F7/00E2R K61F7/00R K61F7/02G K61F7/02G5 K61F7/02T R28D20/02 R28D21/00T230F

US: 036/1 036/88 36/1 36/28 36/29 36/290 36/88 36/93 607/104 607/112 607/114 62/51.1 62/510 62/510P



Family:

Publication number	Publication date	Application number	Application date
US2001045104 AA	20011129	US20010853097	20010510
US5658324 A	19970819	US19940227634	19940414
US6230501 BA	20010515	US19990303585	19990503
US6865825 BB	20050315	US20010853097	20010510
US7107706 BA	20060919	US20050199546	20050808
US7204041 BA	20070417	US20050075112	20050308
US7219449 BA	20070522	US20040870194	20040617
US7395614 BA	20080708	US20060532862	20060918

Priority:

US19940227634 19940414	US19940349509 19941202	US19970911261 19970814
US19990303585 19990503	US20010853097 20010510	US20040870194 20040617
US20050075112 20050308	US20050199546 20050808	US20060532862 20060918

Probable Assignee: PROMXD TECHNOLOGY INC

Assignee(s): (std): PROMDX TECHNOLOGY INC ; PROMXD TECHNOLOGY INC

Assignee(s): BAILEY RICHARD F ; FISHER RONALD A ; HOFFBERG STEVEN M ; LAKIN GENERAL CORP

Inventor(s): (std): BAILEY RICHARD F ; BAILEY SR RICHARD F ; FISHER RONALD ; FISHER RONALD A ; HOFFBERG STEVEN M

Inventor(s): SR RICHARD F ; BAILEY

Agent(s): MILDE AND HOFFBERG LLP

Title: Cushions with non-intersecting-columnar elastomeric members exhibiting compression instability

Abstract: Cushions and cushion elements with non-intersecting-columnar elastomeric members exhibiting compression instability are disclosed. The cushions and cushion elements may be made from gelatinous elastomer materials. The cushions and cushion elements have application in a variety of fields, including foot care products, seat cushions, mattresses and mattress overlays for consumer and medical applications, carry straps, sports injury prevention, orthopedics, vibration dampeners for electrical and electronic equipment, shock absorbers and others.

Classifications:

International (IPC 8-9): A43B13/04 A47C27/00 A47C27/08 A47C27/14 A47C4/54 A63H33/18 B26D1/00 B26D7/10 B29B47/00 B29C44/50 B29C44/58 B29C47/00 B29C47/12 B29C47/20 B29C47/88 C02F1/28 C08F287/00 C08K5/00 C08K5/01 C08L51/00 C08L53/00 C08L53/02 F25B21/02 (Advanced/Invention); A47C27/00 A47C27/14 B29C47/88 (Advanced/Non-invention); A43B13/02 A63H33/00 B26D1/00 B26D7/08 B29C47/00 B29C47/20 C08F287/00 C08L51/00 C08L53/00 F25B21/02 (Core/Invention)

International (IPC 1-7): A43B13/04 A43B19/00 A43B21/32 A47C16/00 A47C27/00 A47C27/14 A63B39/00 A63B43/02 B29C47/00 B32B3/00 B32B3/20 C02F1/28 C08G63/48 C08K5/01 C08L25/00 C08L25/02 C08L47/00 C08L53/00 C08L53/02 C09J9/32

CPC: B29C47/0009 Y10S5/909 Y10S5/948 Y10S5/953 A47C4/54 A47C7/021 A47C27/085 A47C27/144 A47C27/15 B29C44/50 B29C44/583 B29C47/0004 B29C47/0028 B29C47/12 B29C47/884 B29C2793/009 B29K2105/04 B29L2031/60 C08K5/0016 C08K5/01 Y10T428/24322 Y10T428/24331 Y10T428/24273 Y10T428/24562 Y10T428/24744 A63H33/18 B29C47/8895 A43B13/04 C08F287/00 C08L51/006 C08L53/025

European: A43B13/04 A47C27/08B A47C27/14C2 A47C27/15 A47C4/54 A47C7/02A A63H33/18 B26D1/00 B26D7/10 B29C44/50 B29C44/58D B29C47/00B B29C47/00J8 B29C47/12 C08F287/00 C08K5/00P1 C08K5/01 C08L51/00C C08L53/02B F25B21/02 L29C47/88C4 L29C793/00J L29K105/04 L29L31/60

US: 264/141 264/141S 264/148 264/148P 264/171.1 264/176.1 264/176.100S 264/211.13 264/211.130S 264/331.13 36/32R 36/37 36/71 428/131 428/137 428/138 428/166 428/166P 428/188 473/569 473/571 473/574 473/596 5/652 5/652.1 5/653 5/653S 5/654 5/654S 5/655.5 5/655.500P 5/706 5/740 5/909 5/909S 5/948 5/953 523/105 523/219 524/274 524/313 524/313S 524/380 524/474 524/476 524/505 524/571 524/575 524/578 524/579 525/271 525/271S 525/32.1 525/32.100P 525/89 525/98 525/99 525/99S 56/54 56/555

PatBase - US2002013407_AA

Patent Application Publication Jan. 31, 2002

US 2002/0013407 A1

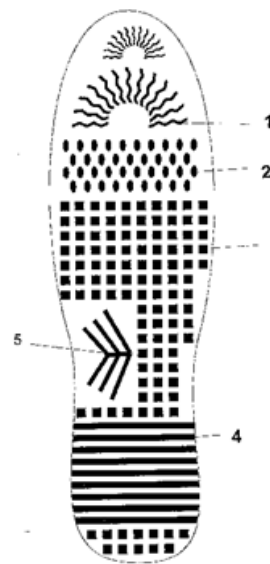


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
AU199861691 A1	19990308	AU19980061691	19980220
AU2001292630 A2	20020819	AU20010292630	20010911
JP2001514912 T2	20010918	JP20000509323T	19980220
US2002013407 AA	20020131	US20010932393	20010817
US2003092826 AA	20030515	US20010952035	20010911
US2003096899 AA	20030522	US20010059101	20011108
US2003228446 AA	20031211	US20020164832	20020607
US2004226098 AA	20041118	US20040784127	20040220
US2004226099 AA	20041118	US20040784128	20040220
US2004229986 AA	20041118	US20040784136	20040220
US2005017396 AA	20050127	US20040783396	20040220
US2006253988 AA	20061116	US20060487942	20060717
US5749111 A	19980512	US19960601374	19960214
US5749111 C1	20080701	US19960601374	19960214
US5749111 C2	20100504	US19960601374	19960214
US5749111 C3	20150424	US19960601374	19960214
US5994450 A	19991130	US19970783413	19970110
US5994450 C1	20100316	US19970783413	19970110
US6026527 A	20000222	US19970968750	19970813
US6026527 C1	20080527	US19970968750	19970813
US6026527 C2	20100413	US19970968750	19970813
US6026527 C3	20150603	US19970968750	19970813
US6187837 BA	20010213	US19980085235	19980527
US6413458 BA	20020702	US19990303979	19990503
US6797765 BB	20040928	US20010952035	20010911
US6865759 BB	20050315	US20010932393	20010817
US6908662 BB	20050621	US20020164832	20020607
US7060213 BB	20060613	US20010059101	20011108
US7076822 BB	20060718	US20040784127	20040220
WO02062891 A1	20020815	WO2001US28547	20010911
WO9908571 A1	19990225	WO1998US02996	19980220

Priority:

US19960601374	19960214	US19960021019P	19960701	US19970783413	19970110
US19970047790P	19970527	US19970968750	19970813	WO1998US02996	19980220
US19980085235	19980527	US19990303979	19990503	US20000226726P	20000818
US20010267124P	20010208	US20010298069P	20010614	US20010932393	20010817

US20010952035	20010911	WO2001US28547	20010911	US20010059101	20011108
US20020164832	20020607	US20040783396	20040220	US20040784128	20040220
US20040784136	20040220	US20040784127	20040220	US20060487942	20060717

Probable Assignee: EDIZONE LLC

Assignee(s): (std): EDIZONE INC ; EDIZONE LC ; TEKSOURCE L C ; TEKSOURCE LC ; PEARCE TONY M

Assignee(s): PURPLE INNOVATION LLC ; TEKSOURCE LC A UTAH LTD ; TEKSOURCE LC BLDG ; TNT HOLDINGS LLC ; WONDERGEL LLC ; EDIZONE LLC ; PEARCE TERRY V

Inventor(s): (std): PEARCE TONY M ; TONY M PEARCE ; PEARCE TERRY V

Inventor(s): PEARCE TERRY ; PEARCE TONY

Agent(s): DANIEL P MCCARTHY PARSONS BEHLE AND LATIMER; PARSONS BEHLE AND LATIMER; DANIEL P; MCCARTHY DANIEL P

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 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 ZW

Title: COMPOSITIONS FOR FLEXIBLE OPTICAL MEDIA DISCS

Abstract: The present invention is related to flexible information-carrying substrates, such as optical media discs, which can withstand the stresses of being handled, processed and deformed, yet maintain enough integrity and properties such that it can still be read without the use of a rigid adapter.

Classifications:

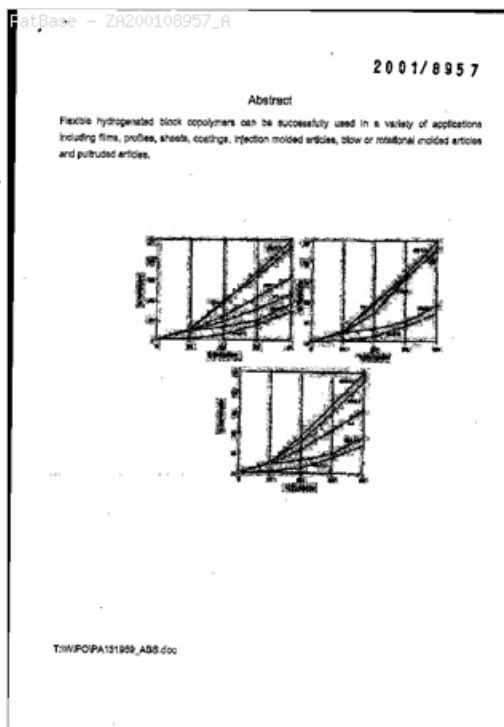
International (IPC 8-9): B32B27/00 A41D13/00 A41D31/00 A43B13/14 A61F13/15 A61F13/49 A61F13/511 A61F13/514 A61F13/53 A61F5/44 A61L15/58 A61L15/60 B29C35/08 B32B27/24 C08F297/00 C08F297/04 C08F8/04 C08J5/00 C08J7/00 C08J9/12 C08K3/28 C08K3/32 C08K5/13 C08K5/16 C08K5/3492 C08L101/00 C08L23/08 C08L23/16 C08L51/00 C08L51/06 C08L53/00 C08L53/02 C09D153/02 D04B1/18 D04B21/16 D04H1/56 D04H3/16 D06L1/04 D06L3/00 D06L3/08 D06M10/00 D06M101/20 D06M11/00 D06M11/07 D06M11/30 D06M11/38 D06M11/40 D06M11/50 D06M13/08 (Advanced/Invention); A41D13/00 A41D31/00 A61F13/15 A61F5/44 C08J5/00 C08J7/00 C08L101/00 D04H3/16 D06M101/20 G01N33/36 (Advanced/Non-invention); A41D13/00 A41D31/00 A61F13/15 A61F5/44 A61L15/16 C08F297/00 C08F8/00 C08J5/00 C08J7/00 C08J9/00 C08L101/00 C08L51/00 C08L53/00 D04H3/16 (Core/Invention); B32B C08F C08L (Subclass/Invention)

International (IPC 1-7): A41D13/00 A41D31/00 A43B13/14 A61F13/15 A61F13/49 A61F13/511 A61F13/514 A61F13/53 A61F5/44 A61L15/58 A61L15/60 B29C35/08 B32B B32B B32B15/00 B32B27/00 B32B27/24 B32B3/02 C08C19/02 C08F C08F236/10 C08F297/00 C08F297/04 C08F36/00 C08F8/00 C08F8/02 C08F8/04 C08F8/42 C08J3/00 C08J3/28 C08J5/00 C08J7/00 C08J9/12 C08K 5/16 C08K3/00 C08K3/32 C08K5/13 C08K5/16 C08K5/34 C08K5/3492 C08K5/41 C08L101/00 C08L23/08 C08L23/16 C08L51/00 C08L51/06 C08L53/00 C08L53/02 C25D1/00 D04H1/56 D04H3/16 D06L1/04 D06M10/00 D06M11/00 D06M11/30 D06M11/40 D06M11/50 D06M13/08 G11B5/66

CPC: D04B1/18 C08F297/04 C09D153/02 C09D153/025 A61F13/4902 D01F6/42 D01F6/56 D02G3/32 D03D15/08 Y10T428/2913 Y10T428/2915 Y10T428/2933 C08F8/04 Y10T428/12694 Y10T442/2861 D04B21/16 D06M11/30 D06M11/40 D06M11/50 D06M13/08 G01N33/36 C08L51/06 C08L53/025 D01F6/30

European: A61F13/49D2H C08F297/04 C08F8/04 C08L51/06 C08L53/02B C09D153/02 C09D153/02B D01F6/42 D01F6/56 D02G3/32 D03D15/08 D04B1/18 D04B21/16 D06M11/30 D06M11/40 D06M11/50 D06M13/08 S01N33/36

US: 264/488 428/364 428/365 428/375 428/64.2 428/64.200P 428/64.3 428/644 428/644S 428/848.9 428/848.900S 442/164 442/164P 522/112 522/153 522/154 522/157 522/158 522/159 522/160 522/161 522/75 522/75P 522/76 522/78 522/79 522/82 524/156 524/157 524/158 524/161 524/186 524/376 524/379 524/394 524/505 524/543 524/81 525/271 525/313 525/314 525/316 525/332.1 525/332.9 525/332.900P 525/333.3 525/338 525/338S 525/88 525/88P 525/88S 525/89 525/89S 525/92.00C 525/92.00R 525/92C 525/92R 525/93 525/93P 525/98 525/99 8/101 8/107 8/108.1 8/115.51 8/115.52 8/115.520P 8/115.6 8/115.69 8/115.690S 8/125 8/125S 8/142 8/142S 8/537 8/537S



Family:

Publication number	Publication date	Application number	Application date
AR024320 AA	20020925	AR2000P102842	20000607
AR024970 AA	20021030	AR2000P103897	20000727
AR025086 AA	20021106	AR2000P104114	20000809
AR025172 AA	20021113	AR2000P102843	20000607
AT265497 E	20040515	AT20000941131T	20000519
AT297443 E	20050615	AT20000936127T	20000519
AT510885 E	20110615	AT20000953757T	20000728
AU2000266138 AA	20011120	AU20000266138	20000728
AU200051488 A1	20010102	AU20000051488	20000519
AU200051488 A5	20010102	AU20000051488D	20000519
AU200055881 A1	20010102	AU20000055881	20000519
AU200055881 A5	20010102	AU20000055881D	20000519
AU200066138 A1	20011120	AU20000066138	20000728
AU200066138 A5	20011120	AU20000066138	20000728
AU200066154 A1	20010219	AU20000066154	20000728
AU200066154 A5	20010219	AU20000066154D	20000728
AU2001249807 AA	20020313	AU20010249807	20010403
AU2001259037 AA	20011203	AU20010259037	20010403
AU200159037 A1	20011203	AU20010059037	20010403
AU200159037 A5	20011203	AU20010059037	20010403
AU2003218113 AA	20030929	AU20030218113	20030311
AU773545 B2	20040527	AU20000066154	20000728
BRPI0012087 A	20020402	BR2000PI12087	20000519
BRPI0012219 A	20020507	BR2000PI12219	20000519
BRPI0013064 A	20020402	BR2000PI13064	20000728
CA2377553 AA	20011217	CA20002377553	20000728
CA2406666 AA	20021021	CA20002406666	20000728
CN100564659 C	20091202	CN20038008094	20030311
CN1142214 C	20040317	CN20008008806	20000519
CN1171913 C	20041020	CN20008008811	20000519
CN1215936 C	20050824	CN20008010904	20000728
CN1300244 C	20070214	CN20008019504	20000728
CN1355826 A	20020626	CN20008008806	20000519
CN1355827 A	20020626	CN20008008811	20000519

CN1365378 A	20020821	CN20008010904	20000728
CN1505660 A	20040616	CN20008019504	20000728
CN1646759 A	20050727	CN20038008094	20030311
CZ20020339 A3	20020717	CZ20020000339	20000728
CZ305579 B6	20151223	CZ20020000339	20000728
DE60010260 D1	20040603	DE20006010260	20000519
DE60010260 T2	20050707	DE20006010260T	20000519
DE60020710 D1	20050714	DE20006020710	20000519
DE60020710 T2	20060316	DE20006020710T	20000519
DE60046015 D1	20110707	DE20006046015	20000728
EP1189988 A1	20020327	EP20000941131	20000519
EP1189988 B1	20040428	EP20000941131	20000519
EP1198516 A1	20020424	EP20000936127	20000519
EP1198516 B1	20050608	EP20000936127	20000519
EP1208157 A1	20020529	EP20000953757	20000728
EP1208157 B1	20110525	EP20000953757	20000728
EP1280856 A1	20030205	EP20000953740	20000728
EP1299428 A2	20030409	EP20010932519	20010403
EP1485531 A1	20041215	EP20030714099	20030311
JP2003502470 T2	20030121	JP20010503941T	20000519
JP2003502471 T2	20030121	JP20010503942T	20000519
JP2003506513 T2	20030218	JP20010514037T	20000728
JP2003534412 T2	20031118	JP20010587011T	20010403
JP2004501232 T2	20040115	JP20010582438T	20000728
KR100694747 B1	20070314	KR20027014900	20000728
KR20030021158 A	20030312	KR20027014900	20000728
MXPA02000981 A1	20020730	MX2002PA00981	20000728
MXPA02011021 A1	20030310	MX2002PA11021	20000728
MY122276 A	20060429	MY20000003511	20000801
NO20020407 A	20020326	NO20020000407	20020125
NO20020407 A0	20020125	NO20020000407	20020125
TH49681 A	20020228	TH20001001994	20000605
TH50083 A	20020315	TH20001001993	20000605
TH50550 A	20020409	TH20001002792	20000727
TH54146 A	20021129	TH20001002896	20000802
TW200304516 A	20031001	TW20030105258	20030311
TW506990 B	20021021	TW20000110798	20000602
TWI231306 B	20050421	TW20000115511	20000825
TWI272287 B	20070201	TW20000115014	20000729
TWI294939 B	20080321	TW20030105258	20030311
US2001048991 AA	20011206	US20000728200	20001130
US2002061981 AA	20020523	US20010943925	20010831
US2002061982 AA	20020523	US20010944423	20010831
US2002147273 AA	20021010	US20010006082	20011206
US2003060529 AA	20030327	US20020192223	20020710
US2003119971 AA	20030626	US20020308429	20021202
US2003144418 AA	20030731	US20020304146	20021125
US2005164577 AA	20050728	US20030507231	20030311
US2010024134 AA	20100204	US20090472739	20090805
US6426390 BA	20020730	US20000726864	20001130
US6437014 BA	20020820	US20000627534	20000728
US6777082 BB	20040817	US20010006082	20011206
US6803014 BB	20041012	US20020192223	20020710
US6815475 BB	20041109	US20020308429	20021202
US6914091 BB	20050705	US20020304146	20021125
US7727286 BB	20100601	US20090472739	20090805
WO0077094 A1	20001221	WO2000US13898	20000519
WO0077095 A1	20001221	WO2000US13900	20000519
WO0109239 A1	20010208	WO2000US20826	20000728
WO0185843 A1	20011115	WO2000US20711	20000728
WO0190201 A2	20011129	WO2001US10771	20010403
WO0190201 A3	20020523	WO2001US10771	20010403
WO0218491 A1	20020307	WO2001US10772	20010403
WO03078723 A1	20030925	WO2003US07592	20030311
ZA200108808 A	20021025	ZA20010008808	20011025
ZA200108957 A	20021030	ZA20010008957	20011030

Priority:

US19990139074P 19990611	US19990139075 19990611	US19990139075P 19990611
US19990146008 19990728	US19990146008P 19990728	US20000193313 20000330
US20000193313P 20000330	US20000197161P 20000413	US20000197161P 20000413
US20000203558P 20000511	US20000575062 20000519	US20000575063 20000519
WO2000US13900 20000519	WO2000US13898 20000519	EP20000953757 20000728
US20000627727 20000728	US20000627534 20000728	WO2000US20711 20000728
WO2000US20826 20000728	WO2000US20826 20000728	US20000229079P 20000830
US20000728200 20001130	US20000726864 20001130	WO2001US10772 20010403
WO2001US10771 20010403	US20010943925 20010831	US20010944423 20010831
US20010006082 20011206	US20020363127P 20020311	US20020192223 20020710
WO2000US20711 20021107	US20020304146 20021125	US20020308429 20021202
US20030507231 20030311	WO2003US07592 20030311	US20040507231 20040909
US20090472739 20090805		

Probable Assignee: USI CORP

Assignee(s): (std): DOW GLOBAL TECHNOLOGIES INC ; DOW CHEMICAL CO ; DOW CHEMICAL INT CO LTD ; HO THOI H ; PATEL RAJEN M ; REID RONA L ; HAHN STEPHEN F ; ESNEAULT CALVIN P ; MAUGANS REXFORD A ; THE

Assignee(s): DOW CHEMICAL COMPANY ; CHUM PAK WING S ; DOW GLOBAL TECHNOLOGY INC ; DOW GLOBLE TECHNOLOGY ; DOW GLOBAL TECHNOLOGY CORP ; BATISTINI ANTONIO ; BENSASON SELIM ; WALSH LEONIE K ; USI CORP ; DOW GLOBAL TECHNOLOGIES LLC
DONALD ROBERT J ; BHATTACHARJEE DEBKUMAR ; DOW EUROPE GMBH ; THE DOW CHEMICAL CO ; THE DOW GLOBLE TECHNOLOGY ; THE DOW GLOBAL TECHNOLOGY CORP ; MARTIN HENRI LUC ; JONES MARY ANN ; HAHNFELD JERRY L ; PARSONS GARY D ; PATE JAMES E ; PHIPPS LAURA M ; HOUCHENS KIMBERLY S

Inventor(s): (std): ANTONIO BATISTINI ; BATISTINI ANTONIO ; BENSASON SELIM ; BERGLUND CHARLES A ; BHATTACHARJEE DEBKUMAR ; CALVIN P ESNEALT ; CALVIN P ESNEAULT ; DEBKUMAR BHATTACHARJEE ; DONALD J ; DONALD R J ; DONALD ROBERT J ; ESNEALT CALVIN P ; ESNEAULT CALVIN ; ESNEAULT CALVIN P ; CHUM P W S ; CHUM PAK WING ; CHUM PAK WING S ; CHUM PAK WING STEVE ; ESNEAULT P ; HAHN F ; HAHN S F ; HAHN STEPHEN ; HAHN STEPHEN F ; HAHNFELD J L ; HAHNFELD JERRY L ; HAHNFELD L ; GARY D PARSONS ; GD PARSONS ; HO THOI ; HO THOI H ; HOI THOI H ; HOUCHENS KIMBERLY S ; JERRY L HAHNFELD ; JL HAHNFELD ; JONES MARY ANN ; LAURA M PHIPPS ; LEIBIG CORA M ; LEONIE HOUCHENS KIMBERLY S HO ; LEONIE K WALSH ; JAMES E PATE ; MARTIN HENRI LUC ; MAUGANS REXFORD ; MAUGANS REXFORD A ; PATE E ; PATE III JAMES E ; PATE JAMES E ; PATE JAMES E III ; PATEL M ; PATEL R M ; PATEL RAJEN ; PATEL RAJEN M ; PATEL RAJEN M AND ; PARSONS D ; PARSONS G D ; PARSONS GARY D ; PHIPPS LAURA M ; PHIPPS M ; P WS CHUM ; PAK WING S CHUM ; RAJEN M PATEL ; RJ DONALD ; RM PATEL ; ROBERT J DONALD ; RONA L REID ; REID RONA L ; REXFORD A MAUGANS ; SELIM BENSASON ; SF HAHN ; STEPHEN F HAHN ; THOI H HO ; WALSH LEONIE ; WALSH LEONIE K

Inventor(s): WALSH LEONIE K HOUSTON ; THOI H HOI ; SELLM BENSASON ; S F HAHN ; REID RONA ; PAK-WING S. CHUM ; R J DONALD ; R M PATEL ; PATE ; PATEL RAJEN M LAKE JACKSON ; MAUGANS REXFORD A AND ; MAUGANS REXFORD A LAKE JACKSON ; P W S CHUM ; MARY ANN JONES ; JAMES E PATE III ; M RAJEN M PATEL ; KIMBERLY S HOUCHENS ; L RONA L REID ; HOUCHENS KIMBERLY S HO THOI H PATEL RAJEN M REID R ; III JAMES E ; J L HAHNFELD ; HO THOI H LAKE JACKSON ; H THOI H HO ; HENRI LUC MARTIN ; HAHN STEPHEN F MIDLAND ; G D PARSONS ; CORA M LEIBIG ; CHUM PAK WING S LAKE JACKSON ; ESNEAULT CALVIN P BATON ROUGE ; CHARLES A BERGLUND ; BENSASON SELIM HOUSTON

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR; CASALONGA AND PARTNERS; RAYNOR JOHN; THE DOW CHEMICAL COMPANY, INTELLECTUAL PROPERTY SECTION; DOW CHEMICAL CO INTELLECTUAL PROPERTY SECTION; THE DOW CHEMICAL COMPANY; DOW CHEMICAL CO

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 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 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 TN TR TT TZ UA UG US UZ YU ZA ZM ZW

Title: Insole system

Abstract: **Molded shoe** inlay (1) made of a material absorbing practically no moisture, incorporates zones (6, 7, 8) with **perforations** functioning as moisture channels between the top and bottom inlay surfaces. The bottom surface of the inlay is provided with a separate or separable layer of moisture absorbing material. **Molded shoe** inlay (1) made of a material absorbing practically no moisture, incorporates zones (6, 7, 8) with **perforations** functioning as moisture channels between the top and bottom inlay surfaces. The bottom surface of the inlay is provided - at least within **perforated** zones - with a separate or separable layer of moisture absorbing material in the form of a fleece, an open-pore **plastic** foam, or a mixture of cork and **plastics**.

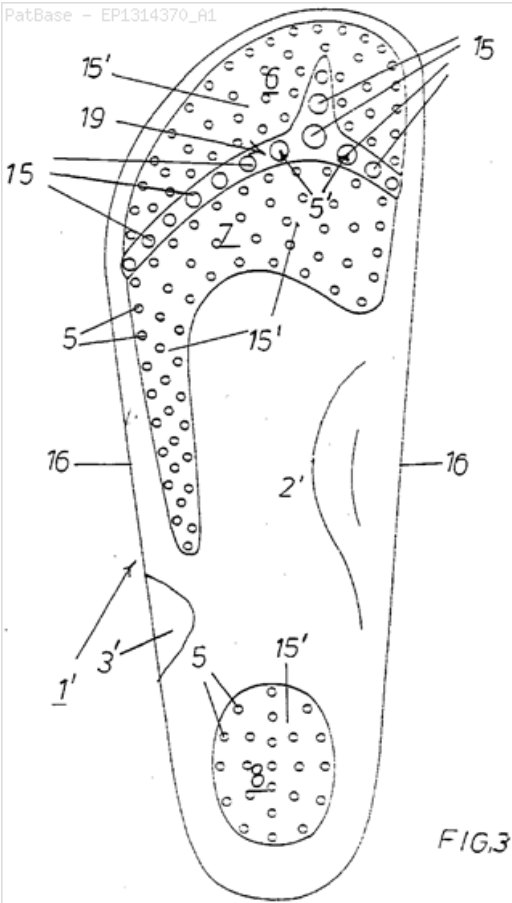
Classifications:

International (IPC 8-9): A43B17/08 A43B17/10 (Advanced/Invention)

International (IPC 1-7): A43B13/00 A43B17/08 A43B17/10

CPC: A43B7/141 A43B7/1415 A43B13/02

European: A43B13/02 A43B7/14A10 A43B7/14A20



Family:

Publication number	Publication date	Application number	Application date
AT426341 E	20090415	AT20020026231T	20021126
DE20119540 U1	20020321	DE20012019540U	20011127
DE50213386 D1	20090507	DE20025013386	20021126
EP1314370 A1	20030528	EP20020026231	20021126
EP1314370 B1	20090325	EP20020026231	20021126
ES2323449 T3	20090716	ES20020026231T	20021126

Priority:

DE20012019540U 20011127

Probable Assignee: BIRKENSTOCK CHRISTIAN

Assignee(s): (std): BIRKENSTOCK CHRISTIAN

Inventor(s): (std): BIRKENSTOCK CHRISTIAN

Agent(s): KOCH THEODOR

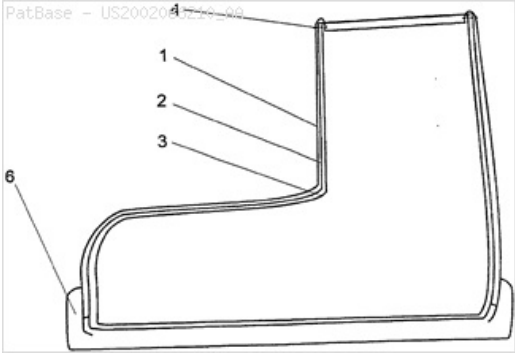
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

Title: Waterproof shoe

Abstract: Waterproof, water vapor permeable shoe construction including an exterior upper, a waterproof, water vapor permeable functional-layer upper, a lining upper, and a sole, characterized in that both the waterproof, water vapor permeable functional-layer upper and the lining upper are in the shape of a sock and introduced separately into the shoe. The functional-layer upper and lining upper are preferably joined to the exterior upper only at a top opening of the shoe construction through which a foot is inserted. The functional-layer upper can be composed of individual pieces that are joined together via seams that are sealed, or it can be seamless. Method for manufacturing a waterproof, water vapor permeable shoe, characterized by the following steps: manufacturing the exterior upper, manufacturing a waterproof, water vapor permeable functional-layer upper in the shape of a sock, manufacturing a lining upper in the shape of a sock, inserting the functional-layer upper into the exterior upper, inserting the lining upper into the functional-layer upper, applying the sole from underneath.

Classifications:

International (IPC 8-9): A43B19/00 A43B7/12 A43B9/00 A43B9/02 (Advanced/Invention);
A43B19/00 A43B7/00 A43B9/00 (Core/Invention)
International (IPC 1-7): A43B19/0 A43B23/00 A43B23/07 A43B7/12 A43B9/0
CPC: A43B7/125 A43B9/02
European: A43B7/12B A43B9/02
US: 36/45 36/450 36/55



Family:

Publication number	Publication date	Application number	Application date
DE50108788 D1	20060413	DE20015008788	20011127
EP1212953 A2	20020612	EP20010128097	20011127
EP1212953 A3	20020828	EP20010128097	20011127
EP1212953 B1	20060125	EP20010128097	20011127
ES2252136 T3	20060516	ES20010128097T	20011127
US2002066210 AA	20020606	US20020047699	20020118
US2002066212 AA	20020606	US20000730398	20001206
US6698108 BB	20040302	US20020047699	20020118

Priority:

US20000730398 20001206 US20020047699 20020118

Probable Assignee: SYMPATEX TECHNOLOGIES GMBH

Assignee(s): (std): SYMPATEX TECHNOLOGIES GMBH

Inventor(s): (std): HADERLEIN MANFRED ; KEIDEL KARSTEN ; MULCAHY JOHN J ; PAVELESCU LIVIU ; PAVELESCU LIVIU MIHAI ; VAN DE VEN HARRY

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

Title: Footwear with enhanced temperature control

Abstract: A **shoe**, particularly an athletic **shoe**, in which a multilayer assembly is disposed between the midsole and the insole of the **shoe**, with the multilayer assembly inhibiting the transfer of heat by virtue of a heat resistant layer or film disposed within the multilayer assembly. The multilayer assembly preferably includes a metalized Mylar (polyethylene terephthalate) film which is sandwiched between two layers of strobil material. This arrangement provides an effective and durable design which inhibits the transfer of heat from hot surfaces to the foot. In accordance with a further aspect, an advantageous ventilation system is provided in the insole, with the ventilation system particularly effective since it is shielded from heat utilizing the multilayer assembly.

Classifications:

International (IPC 8-9): A43B13/04 A43B13/14 A43B17/08

A43B7/06 A43B7/08 A43B7/34 (Advanced/Invention)

International (IPC 1-7): A43B13/04 A43B17/08 A43B7/06 A43B7/08 A43B7/34 H43B7/06

CPC: A43B7/06 A43B13/143 A43B13/148

European: A43B13/14W A43B13/14W6 A43B7/06

US: 36/3 36/3.00A 36/3.00AS 36/3.00B 36/3.00BS 36/3.00R 36/3.00RP 36/30.00R 36/30R 36/3A 36/3B 36/3R



Family:

Publication number	Publication date	Application number	Application date
AT352987 E	20070215	AT20010995325T	20011221
CN1278638 C	20061011	CN20018005415	20011221
CN1404367 A	20030319	CN20018005415	20011221
DE60126401 D1	20070322	DE20016026401	20011221
DE60126401 T2	20071115	DE20016026401T	20011221
EP1253831 A1	20021106	EP20010995325	20011221
EP1253831 A4	20040519	EP20010995325	20011221
EP1253831 B1	20070131	EP20010995325	20011221
JP2004516088 T2	20040603	JP20020552430T	20011221
JP4025647 B2	20071226	JP20020552430	20011221
US2002078590 AA	20020627	US20000741793	20001222
US6564475 BB	20030520	US20000741793	20001222
WO02051275 A1	20020704	WO2001US45869	20011221

Priority:

US20000741793 20001222 WO2001US45869 20011221

Probable Assignee: K SWISS INC

Assignee(s): (std): K SWISS INC ; SWISS INC K

Assignee(s): WELLS FARGO BANK NATIONAL ASSOCIATION ; WELLS FARGO BANK NATIONAL ASSOCIATION AGENT AS

Inventor(s): (std): COLLINS H ; COLLINS JASON H ; PETERSON JASON H COLLINS SUSAN ; PETERSON M ; PETERSON SUSAN M

Inventor(s): SUSANM PETERSON ; SUSAN M PETERSON ; JASON H COLLINS ; JASON H COLLINS SUSAN M PETERSON ; JASONH COLLINS ; JASONH COLLINS SUSANM PETERSON

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

Title: VIBRATION DAMPENING GRIP COVER FOR THE HANDLE OF AN IMPLEMENT

Abstract: A vibration dampening grip cover for the handle of an implement is preferably of multilayer laminate form having an **inner** vibration dampening layer and an **outer** gripping layer. A further **inner** force dissipating stiffening layer is included in the laminate. In a variation of the invention a grip cover is in the form of a sleeve which fits over the end of an implement handle. The sleeve terminates in a peripherally outward knob. The sleeve may be of a single layer made from vibration dampening material or may be a multilayer laminate.

Classifications:

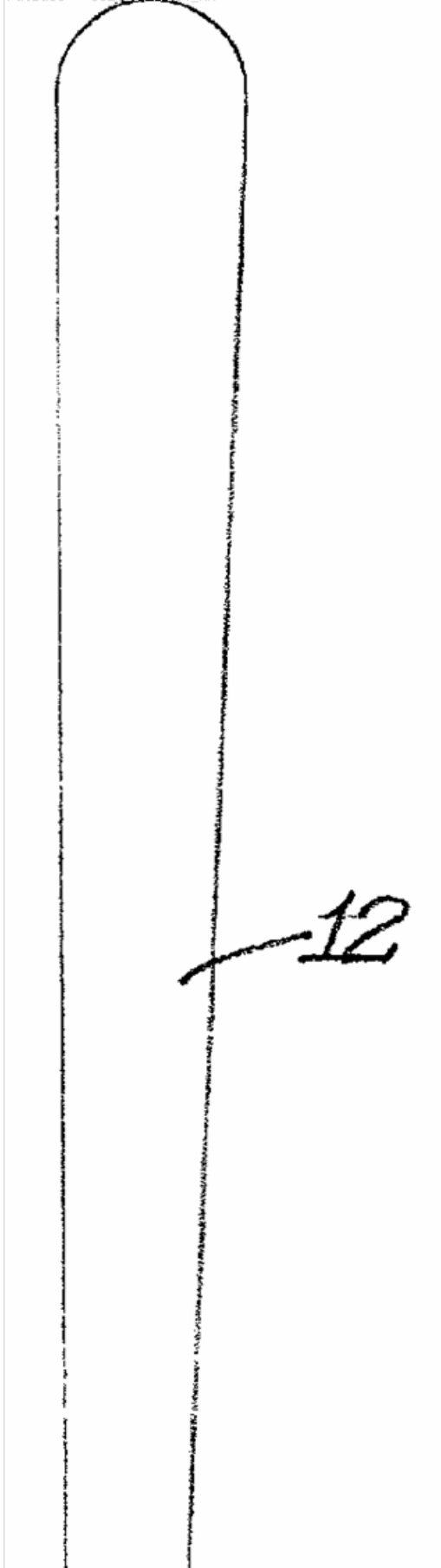
International (IPC 8-9): B32B33/00 A41B1/08 A41D1/06 A41D13/015 A41D13/05 A41D13/08 A41D19/00 A41D19/015 A41D27/26 A41D31/00 A42B1/00 A42B1/08 A42B3/00 A42B3/04 A42B3/06 A42B3/12 A42C5/00 A43B13/04 A43B13/18 A43B13/38 A43B7/32 A45C11/00 A61F13/06 A61L15/00 A63B49/00 A63B49/08 A63B53/14 A63B59/00 A63B59/06 A63B59/08 A63B59/10 A63B59/12 A63B59/14 A63B59/16 A63B59/50 A63B60/14 A63B65/02 A63B69/00 A63B71/08 A63B71/10 A63B71/14 B25G1/01 B25G1/10 B29C70/10 B29C70/40 B29K105/08 B32B1/06 B32B15/02 B32B15/04 B32B15/14 B32B15/16 B32B17/06 B32B17/12 B32B18/00 B32B21/02 B32B21/10 B32B25/00 B32B25/02 B32B25/04 B32B25/10 B32B25/14 B32B25/18 B32B25/20 B32B27/02 B32B27/08 B32B27/12 B32B27/32 B32B27/34 B32B3/00 B32B3/10 B32B3/18 B32B3/26 B32B3/28 B32B3/30 B32B5/08 B32B5/16 B32B5/18 B32B5/22 B32B7/02 B32B7/12 B32B9/04 B62K21/26 C08L15/00 D03D15/00 D04B1/14 D04B1/18 D04B11/12 D04B21/14 D04B7/00 D04B7/16 F16F1/36 F16F13/00 F16F15/08 F16F3/087 F16F3/093 F16F7/00 F16F7/12 F16M1/00 F16M5/00 F41C23/10 F41C23/18 F41H1/00 G10K11/16 (Advanced/Invention); A63B49/00 A63B59/06 A63B59/12 A63B59/14 A63B71/08 A63B71/14 B29K105/08 B32B27/08 (Advanced/Non-invention); A43B13/02 A43B13/38 A63B49/00 A63B49/02 A63B53/00 A63B53/14 A63B59/00 A63B71/08 B25G1/00 B29C70/04 B32B1/00 B32B25/00 B32B27/02 B32B27/12 B32B27/34 B32B3/00 B32B3/10 B32B3/26 B32B3/30 B32B5/16 B32B5/18 B32B5/22 B32B7/02 D03D15/00 F16F1/36 F16F15/08 F16F3/00 G10K11/00 (Core/Invention); A63B49/00 A63B71/08 B32B27/12 (Core/Non-invention); A63B B32B (Subclass/Invention)

International (IPC 1-7): A41D13/015 A41D19/00 A41D19/015 A42B3/12 A43B13/04 A43B13/12 A43B13/18 A43B13/38 A43B7/32 A61L15/00 A63B49/00 A63B49/08 A63B53/14 A63B59/00 A63B59/06 A63B59/08 A63B59/10 A63B59/12 A63B59/14 A63B59/16 A63B65/02 A63B71/10 A63B71/14 A63D59/06 B25G1/01 B32B15/02 B32B15/14 B32B15/16 B32B25/00 B32B25/02 B32B25/10 B32B27/02 B32B27/04 B32B27/12 B32B5/02 B32B5/16 B32B5/22 B62K21/26 D03D25/00

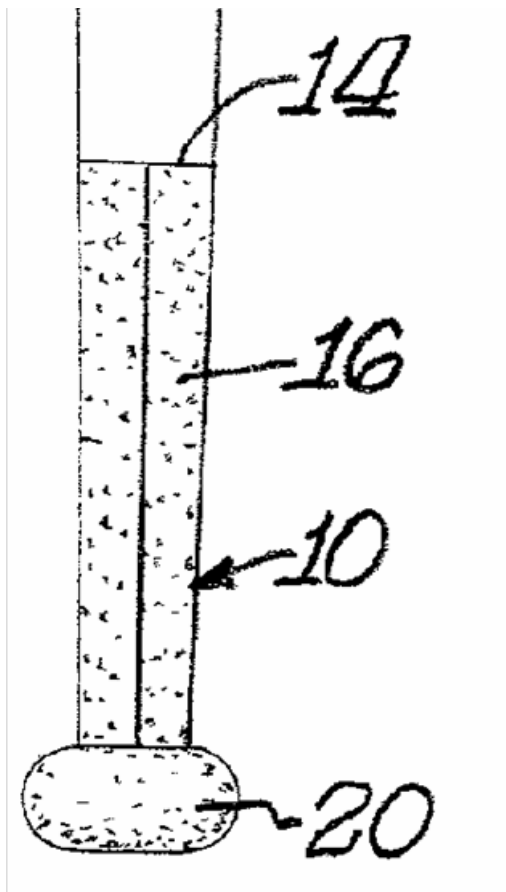
CPC: B32B25/08 B32B25/12 B32B25/14 B32B25/18 B32B2262/0276 B32B2262/062 B32B2262/08 B32B2307/102 F16F1/366 F16F1/3737 F16F1/40 A42B3/00 A42B3/14 B32B1/00 B32B5/245 B32B25/02 B32B25/20 B32B2262/0269 B32B2305/08 B32B2307/558 B32B2315/085 B32B2319/00 F16F7/121 B32B7/12 A41D13/05 A41D31/02 A43B13/10 A43B13/12 A63B71/10 A63B71/148 A63B2209/00 B25G1/102 G10K11/168 B32B2307/10 B32B3/28 B32B3/30 B32B5/18 B32B25/047 B32B27/065 Y10T428/24405 Y10T428/2982 B32B5/16 Y10T428/24331 Y10T428/24504 Y10T428/1366 Y10T428/24314 Y10T428/24479 Y10T428/24496 Y10T428/2457 Y10T428/24612 Y10T428/239 Y10T428/24983 Y10T428/2848 Y10T442/2861 Y10T442/3911 Y10T442/3919 Y10T442/679 Y10T442/699 Y10T428/31938 Y10T442/3715 Y10T442/406 Y10T442/413 Y10T442/419 Y10T442/425 A43B13/04 A63B2209/02 B29C70/40 B29K2021/00 B29K2995/0037 B29L2031/5245 B32B25/04 F16F3/093 F16F15/08 Y10T442/2369 Y10T442/30 Y10T442/3854 Y10T442/3976 Y10T442/3341 B32B5/22 B32B2266/0207 B32B2266/06 B32B2266/08 B32B2307/546 B32B2437/00 A63B60/10 A63B2059/581 A63B59/70 A63B60/14 A63B59/55 A63B59/60 A63B60/16 A63B21/4017 B32B5/32 A43B13/187 A63B69/0095 A63B2102/18 A63B2208/12 B25G1/01 B32B1/08 B32B3/18 B32B5/024 B32B5/26 B32B17/02 B32B25/00 B32B27/02 B32B27/34 B32B27/40 B32B2262/0261 B32B2262/101 B32B2262/103 B32B2262/105 B32B2307/54 B32B2307/56 B32B2405/00 B32B2413/00 B32B2437/02 B32B2439/00 B32B2535/00 B32B2571/00 B32B2605/003 F16F1/3605 F41C23/08 A41D31/005 A43B21/26 A61F5/01 A61F13/069 A61F15/008 A63B71/0054 A63B71/12 A63B71/1225 A63B71/143 A63B71/145 A63B71/146 A63B2071/1233 A63B2071/1241 A63B2071/125 A63B2071/1283 A63B2102/20 A63B2102/22 A63B2102/24 A63B2102/34 A63B2102/36 F41H5/0471 Y10T428/249953 Y10T428/249933 Y10T428/249927 Y10T428/249928 Y10T428/249934 Y10T428/249976 Y10T428/249981 Y10T428/24992 A45C11/00 F16F7/124 A63B59/50 Y10T16/466 Y10T428/24942 Y10T428/249921 Y10T428/249971 Y10T428/31504 Y10T428/31678 Y10T442/2902 Y10T442/2992 Y10T442/3154 Y10T442/3561 Y10T442/3642 F41C23/10 F41C23/18 B60K5/1208 B60R21/045 B60R21/13 A45C2011/002 A43B13/02 A43B13/026 A43B17/14 A43B23/0225 A43B23/0235 A43B23/028 B32B5/28 B32B5/08 B32B2262/14 B32B2266/0292 B32B2274/00 B32B2307/732 A42B1/08 A63B71/14 B32B2305/38 B32B25/10 A42B3/063 B25F5/006 B32B25/042 B32B5/10 B32B2398/10 B32B5/02 B32B2307/536 B32B2307/744 B25G1/10 B32B7/02 F41H5/0478 F41H1/02 F41H1/08 A63B71/141 F16F1/371 A63B59/20 A43B7/32 A63B60/00 A42B3/12 A42B3/125 A41D13/0518 A41D31/0011 A41D13/015 A63B71/08 B32B27/12 A63B60/08 A63B60/06 A63B49/00 A63B49/08 A63B53/14 A63B60/54 A63B49/02 A63B53/00

European: A41D13/05 A41D31/00C8L A41D31/02 A42B1/08 A42B3/00 A42B3/06C2 A42B3/12 A42B3/14 A43B13/04 A43B13/10 A43B13/12 A43B13/18F A43B21/26 A43B7/32 A61F13/06D9

PatBase - US2003040384_AA



A61F15/00P A61F5/01 A63B49/02 A63B49/08 A63B53/00 A63B53/14
A63B59/00 A63B59/00B A63B59/00B4 A63B59/00V A63B59/06
A63B59/08 A63B59/10 A63B59/12 A63B59/14 A63B59/16
A63B69/00V A63B71/00P A63B71/12 A63B71/14G B25F5/00E
B25G1/01 B25G1/10 B25G1/10B B29C70/40 B32B1/08 B32B17/02
B32B25/00 B32B25/04 B32B25/08 B32B25/10 B32B25/12
B32B25/14 B32B25/18 B32B25/20 B32B27/02 B32B27/12
B32B27/34 B32B27/40 B32B3/18 B32B3/28 B32B3/30 B32B5/02B
B32B5/16 B32B5/18 B32B5/26 B32B5/28 B32B5/32 B32B7/02
F16F1/366 F16F1/36B F16F1/371 F16F1/373P F16F1/40 F16F15/08
F16F3/093 F41C23/08 F41H5/04F G10K11/168 K63B208/12
K63B209/00 K63B209/02 K63B21/14A8 K63B49/00 K63B49/08
K63B53/14 K63B59/00B K63B59/00B4 K63B59/00B5 K63B59/00V
K63B59/06 K63B59/06A2 K63B59/12 K63B71/08 K63B71/10
K63B71/12 K63B71/12L K63B71/12L14 K63B71/12L2 K63B71/12L4
K63B71/12L6 K63B71/14 K63B71/14G K63B71/14G2 K63B71/14G4
K63B71/14G6 L29K21/00 L29K995/00F L29L31/52E L32B262/02J
L32B262/02L L32B262/06A L32B262/08 L32B262/10A L32B262/10B
L32B262/10D L32B307/102 L32B307/540 L32B307/560 L32B405/00
L32B413/00 L32B437/02 L32B439/00 L32B535/00 L32B571/00
L32B605/00B
US: 1/1 16/421 16/421S 181/294 2/16 2/161.1 2/161.100P 2/161.2
2/161.200S 2/181 2/181P 2/267 2/267P 2/412 2/412P 224/191
267/136 267/136P 267/140.11 267/140.110P 267/140.13
267/140.130S 267/140.3 267/141 267/148 267/152 36/25
36/25.00RP 36/25R 36/28 36/28S 36/30.00RS 36/30R 36/32
36/32.00RS 36/32R 36/43 36/43S 36/44 36/44S 36/71 36/71P
428/136 428/136P 428/138 428/138P 428/147 428/147S 428/156
428/158 428/158S 428/159 428/159S 428/167 428/172 428/212
428/212P 428/217 428/218 428/218S 428/221 428/221S 428/293.1
428/293.4 428/295.1 428/295.100P 428/295.4 428/304.4
428/304.400S 428/313.3 428/313.300S 428/314.4 428/314.400S
428/316.6 428/316.600S 428/354 428/36.2 428/36.200S 428/402
428/402S 428/411.1 428/411.100S 428/426 428/426S 428/454
428/454S 428/457 428/457S 428/523 428/523S 428/76 428/902
428/902S 442/104 442/104P 442/164 442/164S 442/164S 442/164S
442/169 442/169P 442/169P 442/180 442/181 442/181P 442/181S
442/200 442/223 442/223S 442/25 442/250 442/250S 442/26
442/260 442/260S 442/269 442/286 442/286S 442/293 442/293S
442/294 442/294S 442/301 442/301S 442/305 442/306 442/307
442/308 442/399 442/399S 442/417 442/417S 473/300 473/300P
473/300S 473/301 473/520 473/520P 473/521 473/521S 473/549
473/549S 473/564 473/564S 473/568 473/568P 523/111 602/60
602/61 602/62 602/75 602/75P 81/489 81/989



Family:

Publication number	Publication date	Application number	Application date
AU2002240337 AA	20030310	AU20020240337	20020208
AU2003243434 AA	20031222	AU20030243434	20030606
AU2003243444 AA	20031222	AU20030243444	20030606
AU2003245417 AA	20031222	AU20030245417	20030606
AU2003251409 AA	20031222	AU20030251409	20030606
AU2012268603 AA	20121213	AU20120268603	20120531
AU2012346490 AA	20130606	AU20120346490	20120409
CA2458747 AA	20040225	CA20022458747	20020208
CA2458747 C	20100427	CA20022458747	20020208
CA2488561 AA	20041206	CA20032488561	20030606
CA2488561 C	20110816	CA20032488561	20030606
CA2583309 AA	20070405	CA20052583309	20051005
CA2583309 C	20100907	CA20052583309	20051005
CA2831355 AA	20130924	CA20122831355	20120409
CA2838341 AA	20131204	CA20122838341	20120531
CN101065168 A	20071031	CN200580039447	20051005
CN101065168 B	20130814	CN200580039447	20051005
CN102423938 A	20120425	CN201110296992	20030606
CN103547177 A	20140129	CN201280017742	20120409
CN103763959 A	20140430	CN201280034004	20120531
CN1259989 C	20060621	CN20028016798	20020208
CN1549736 A	20041124	CN20028016798	20020208
CN1659021 A	20050824	CN20038013207	20030606
DE60345239 D1	20140102	DE20036045239	20030606
DK1513677 T3	20131216	DK20030757431T	20030606
EP1513677 A1	20050316	EP20030757431	20030606
EP1513677 A4	20080507	EP20030757431	20030606
EP1513677 B1	20131106	EP20030757431	20030606
EP1804934 A2	20070711	EP20050809057	20051005
EP1804934 A4	20120523	EP20050809057	20051005
EP2696714 A1	20140219	EP20120714196	20120409
EP2717730 A1	20140416	EP20120726549	20120531
ES2442843 T3	20140213	ES20030757431T	20030606
HK1073082 A1	20070223	HK20050104338	20050524
HK1073082 A3	20050923	HK20050104338	20050524
HK1077042 A1	20140912	HK20050108170	20050916
HK1077042 A3	20060203	HK20050108170	20050916
IN08309DN2013 A	20141219	IN2013DN08309	20130924
IN10858DN2013 A	20141226	IN2013DN10858	20131217
JP2005504568 T2	20050217	JP20030522656T	20020208
JP2009072621 A2	20090409	JP20080310154	20081204
JP2011251169 A2	20111215	JP20110194925	20110907

JP2014510852 T2	20140501	JP20140505196T	20120409
JP2014516125 T2	20140707	JP20140514503T	20120531
JP4861393 B2	20120125	JP20080310154	20081204
JP5366160 B2	20131211	JP20110194925	20110907
JP6174567 B2	20170802	JP20140505196T	20120409
KR100986414 B1	20101008	KR20097001976	20051005
KR101151064 B1	20120601	KR20107018991	20051005
KR101208779 B1	20121205	KR20117005051	20051005
KR20070059208 A	20070611	KR20077010091	20070503
KR20090025374 A	20090310	KR20097001976	20051005
KR20100058626 A	20100603	KR20107007641	20051005
KR20100112634 A	20101019	KR20107018991	20051005
KR20110043733 A	20110427	KR20117005051	20051005
KR20140052995 A	20140507	KR20137029861	20120409
KR20140053085 A	20140507	KR20147000412	20120531
MX2007004202 A1	20071011	MX20070004202	20051005
MX2013011386 A1	20140228	MX20130011386	20120409
MX2013014329 A1	20140321	MX20130014329	20120531
MXPA04001824 A1	20051005	MX2004PA01824	20020208
MXPA04012255 A1	20050408	MX2004PA12255	20030606
PT1513677 T	20140107	PT20030757431T	20030606
TW200307604 A	20031216	TW20030115316	20030605
TW200400118 A	20040101	TW20030115314	20030605
TW200400881 A	20040116	TW20030115315	20030605
TW200403145 A	20040301	TW20030115313	20030605
TW200612844 A	20060501	TW20050134880	20051005
TW200722651 A	20070616	TW20060146948	20061214
TW201302276 A	20130116	TW20120120385	20120607
TW201302442 A	20130116	TW20120112815	20120411
TW201410167 A	20140316	TW20130130368	20051005
TW201445060 A	20141201	TW20140116167	20061214
TWI273979 B	20070221	TW20030115314	20030605
TWI275485 B	20070311	TW20030115315	20030605
TWI275486 B	20070311	TW20030115316	20030605
TWI306810 B	20090301	TW20030115313	20030605
TWI409039 B	20130921	TW20050134880	20051005
TWI457510 B	20141021	TW20060146948	20061214
TWI512212 B	20151211	TW20140116167	20061214
TWI542287 B	20160721	TW20130130368	20051005
US2003040384 AA	20030227	US20010939319	20010827
US2003228816 AA	20031211	US20020165748	20020607
US2003228817 AA	20031211	US20020173063	20020617
US2003228818 AA	20031211	US20030346954	20030117
US2003228819 AA	20031211	US20030360353	20030207
US2004048700 AA	20040311	US20030659560	20030910
US2004048701 AA	20040311	US20030659674	20030910
US2004048702 AA	20040311	US20030659790	20030910
US2004058759 AA	20040325	US20030659690	20030910
US2004213979 AA	20041028	US20040790548	20040301
US2004220000 AA	20041104	US20040856215	20040528
US2005060908 AA	20050324	US20040958611	20041005
US2005137025 AA	20050623	US20040958941	20041005
US2005137038 AA	20050623	US20040958952	20041005
US2005137514 AA	20050623	US20040958745	20041005
US2005142967 AA	20050630	US20040958767	20041005
US2005144698 AA	20050707	US20040019568	20041222
US2005144808 AA	20050707	US20040999246	20041130
US2006157901 AA	20060720	US20050304995	20051215
US2006168710 AA	20060803	US20050304079	20051215
US2007149079 AA	20070628	US20060635939	20061208
US2009035543 AA	20090205	US20080238944	20080926
US2009065299 AA	20090312	US20070873825	20071017
US2009075026 AA	20090319	US20080324159	20081126
US2009179361 AA	20090716	US20080324281	20081126
US2010247856 AA	20100930	US20090570499	20090930
US2011302700 AA	20111215	US20110155522	20110608
US2011314589 AA	20111229	US20110084866	20110412
US2013302561 AA	20131114	US20130944127	20130717
US2013302569 AA	20131114	US20130942845	20130716
US2013302601 AA	20131114	US20130944123	20130717
US2014017436 AA	20140116	US20130944131	20130717
US2016037885 AA	20160211	US20150887732	20151020
US2016377139 AA	20161229	US20160085274	20160330
US2018092411 AA	20180405	US20160383770	20161219
US6652398 BB	20031125	US20010939319	20010827
US6837812 BB	20050104	US20030659790	20030910
US6863629 BB	20050308	US20030659690	20030910
US6893366 BB	20050517	US20030659674	20030910
US6935973 BB	20050830	US20030659560	20030910
US6942586 BB	20050913	US20040856215	20040528
US7150113 BB	20061219	US20040958611	20041005

US7171697 BB	20070206	US20040019568	20041222
US8142382 BB	20120327	US20040958745	20041005
US8297601 BB	20121030	US20080324281	20081126
US8413262 BB	20130409	US20070873825	20071017
US8545966 BB	20131001	US20080324159	20081126
US9265999 BB	20160223	US20080238944	20080926
WO03018144 A1	20030306	WO2002US04020	20020208
WO03103946 A1	20031218	WO2003US17888	20030606
WO03103947 A1	20031218	WO2003US18006	20030606
WO03103948 A1	20031218	WO2003US18013	20030606
WO03103949 A1	20031218	WO2003US18073	20030606
WO06041892 A2	20060420	WO2005US35774	20051005
WO06041892 A3	20060713	WO2005US35774	20051005
WO07075431 A2	20070705	WO2006US47938	20061214
WO07075431 A3	20081120	WO2006US47938	20061214
WO12170268 A1	20121213	WO2012US40104	20120531
WO13081658 A1	20130606	WO2012US32669	20120409
WO17173095 A1	20171005	WO2017US25042	20170330

Priority:

US20010939319	20010827	JP20030522656	20020208	JP20030522656T	20020208
JP20080310154	20020208	WO2002US04020	20020208	US20020165748	20020607
US20020173063	20020617	US20030346954	20030117	US20030360353	20030207
EP20030757431	20030606	WO2003US18013	20030606	WO2003US18073	20030606
WO2003US18006	20030606	WO2003US17888	20030606	US20030659674	20030910
US20030659690	20030910	US20030659560	20030910	US20030659790	20030910
US20040790548	20040301	US20040856215	20040527	US20040856215	20040528
US20040958941	20041005	US20040958767	20041005	US20040958745	20041005
US20040958952	20041005	US20040958611	20041005	US20040999246	20041130
US20040019568	20041222	WO2005US35774	20051005	US20050304995	20051215
US20050304079	20051215	US20060635939	20061208	US20070873825	20071017
US20080238944	20080926	US20080324159	20081126	US20080324281	20081126
US20090570499	20090930	US20110084866	20110412	US20110155522	20110608
WO2012US32669	20120409	WO2012US40104	20120531	US20130942845	20130716
US20130944127	20130717	US20130944123	20130717	US20130944131	20130717
US20150155193P	20150430	US20150887732	20151020	US20150269723P	20151218
US20160085274	20160330	US20160383770	20161219		

Probable Assignee: VITO LISA E

Assignee(s): (std): DIMARIO CARMEN ; DIMARIO CARMEN N ; FALONE THOMAS ; INNERCORE GRIP CO ; STING FREE CO ; STING FREE TECHNOLOGIES CO ; STING FREE COMPANY ; INNERCORE GRIP COMPANY ; VITO ROBERT A ; STING FREE TECHNOLOGIES COMPAN ; MATSCITECHNO LICENSING CO ; MATSCITECHNO LICENSING COMPANY ; UNEQUAL TECH CO

Assignee(s): ALLIANCE BANK ; CONSOLIDATED FIBERGLASS PRODUCTS CO ; MAINLINE SPECIAL OP UT LLC ; REEBOK INT LTD ; MATSCITECHNO LICENSING CO KENNETT SQUARE ; STING FREE TECHNOLOGIES COMPANY ; VITO ROBERT ; VITO LISA ; STINGFREE TECHNOLOGIES CO ; VITO LISA E ; UNEQUAL TECHNOLOGIES CO ; INNERCORE GRIP COMPANYUS

Inventor(s): (std): CARMEN DIMARIO ; CARMEN N DIMARIO ; DIMARIO CARMEN ; DIMARIO CARMEN A ; DIMARIO CARMEN N ; FALONE THOMAS ; VITO ROBERTO A ; VITO ROBERT ; THOMAS VITO ROBERT A DIMARIO C ; ROBERT A VITO ; DIMARION CARMEN N ; CARMEN FALONE THOMAS VITO ROBE ; THOMAS FALONE ; VITO ROBERT A

Inventor(s): VITO ROBERT A BERWYN ; FALONE THOMAS MICKELTON ; FALONE THOMAS VITO ROBERT A ; DIMARIO CARMEN WEST CHESTER

Agent(s): GRIFFITH HACK; KIRBY EADES GALE BAKER; GOWLING LAFLEUR HENDERSON LLP; RIDOUT AND MAYBEE LLP; PATENTANWAELTE LIPPERT STACHOW AND PARTNER; LIPPERT STACHOW AND PARTNER; SCHWABE SANDMAIR MARX; TORNER ELISABET; AOKI ATSUSHI; SHIMADA TETSURO; CHAE JONG KIL; VOLPE AND KOENIG PC; RATNERPRESTIA; ETKOWICZ JACQUES L; MCWILLIAMS THOMAS

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 KH KM KN KP KR KW 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 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 YU ZA ZM ZW

Title: **SHOE** BOTTOM HAVING INTERSPERSED MATERIALS

Abstract: A **shoe** (and fabrication techniques therefor) on which is provided a bottom portion that includes a sole portion and a heel portion and that has a bottom surface and an upper portion extending upwardly from the bottom portion. The bottom surface of the bottom portion of the **shoe** has areas of a **fabric** material (such as cotton, nylon, polyester, any other **cloth** or **fabric**), or any of a variety of other **first** materials, interspersed with areas of a durable material (such as ethylene vinyl acetate, polyvinyl chloride, thermoplastic rubber, any other **plastic**, and/or any other natural or synthetic leather or rubber), or any of a variety of other **second** materials.

Classifications:

International (IPC 8-9): A43B13/02 A43B13/04 A43B13/08 A43B13/12 A43B13/14 A43B13/22 A43B13/24 A43B3/00 A43B3/10 A43B3/12 A43B7/32 A43C15/00 A43D8/00 B29C45/14 B29C65/48 B29D35/12 B29D35/14 (Advanced/Invention); A43B13/02 A43B13/14 A43B3/10 A43B3/12 A43B7/32 A43C15/00 A43D8/00 B29C45/14 B29D35/00 (Core/Invention)

International (IPC 1-7): A43B13/00 A43C15/00

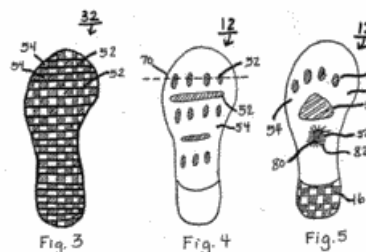
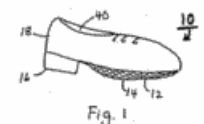
CPC: A43B13/24 A43B13/122 A43B1/0027 A43B3/108 A43B3/128 A43B7/142 A43B7/1425 A43B7/143 A43B7/1435 A43B7/144 A43B7/1445 A43B7/145 A43B7/32 A43B13/026 A43B13/12 A43B13/22 A43B23/24 A43B13/14 A43B13/04 A43B13/08 B29D35/142 A43B3/0078 A43B13/023 B29D35/122

European: A43B1/00C A43B13/02C A43B13/12 A43B13/22 A43B23/24 A43B3/00S80 A43B3/10S A43B3/12S A43B7/14A20A A43B7/14A20B A43B7/14A20C A43B7/14A20F A43B7/14A20H A43B7/14A20M A43B7/14A20P A43B7/32 B29D35/12B

US: 1/1 12/146.00BS 12/146B 121/46B 264/132 264/241 264/250 264/255 264/257 264/259 264/324 36/103 36/112 36/25 36/25R 36/30.00RP 36/30R 36/59 36/59C 36/59R

PatBase - US2004020080_AA

Patent Application Publication Feb. 5, 2004 Sheet 1 of 10 US 2004/0020080 A1



Family:

Publication number	Publication date	Application number	Application date
US2004020080 AA	20040205	US20030630032	20030730
US2007145635 AA	20070628	US20070684311	20070309
US2010058620 AA	20100311	US20090604511	20091023
US7203985 BB	20070417	US20030630032	20030730
US7700021 BB	20100420	US20070684311	20070309
US8590176 BA	20131126	US20110337261	20111226
US8591790 BB	20131126	US20090604511	20091023
US8984769 BA	20150324	US20130064123	20131026
US9226546 BA	20160105	US20150629141	20150223

Priority:

US20020400322P	20020731	US20030630032	20030730	US20070684311	20070309
US20090604511	20091023	US20110337261	20111226	US20130064123	20131026
US20150629141	20150223				

Probable Assignee: SEYCHELLES IMPORTS LLC

Assignee(s): (std): COX ANTHONY ; KOO JOHN C ; KOO JOHN C S ; SEYCHELLES IMP S LLC

Assignee(s): SEYCHELLES IMPORTS LLC

Inventor(s): (std): COX ANTHONY ; KOO JOHN C S ; KOO JOHN C

Inventor(s): KOO JOHN CS ; KOO JOHN

Agent(s): STEVEN E SHAPIRO ESQ MITCHELL SILBERBERG AND KNUPP LLP; JOSEPH SWAN A PROFESSIONAL CORP; JOSEPH G; JOSEPH G SWAN PC

Title: **SHOE** HAVING A CONTOURED BOTTOM WITH SMALL PARTICLES BONDED TO THE LOWEST EXTENDING PORTIONS THEREOF

Abstract: Provided is a **shoe** having a bottom surface that is adjacent to the ground in normal use and that has at least some indentations, with lower extending portions between the indentations. A sole forms at least a portion of the bottom surface, and an upper portion extends above the sole. A plurality of small particles is bonded to at least some of the lower extending portions, but at least a portion of the indentations is not coated with such small particles.

Classifications:

International (IPC 8-9): A43B1/00 A43B1/02 A43B1/06 A43B13/00 A43B13/02 A43B13/04 A43B13/12 A43B13/14 A43B13/22 A43B13/42 A43B15/00 A43B3/18 A43B5/08 A43C15/00 A43D8/00 B23B27/04 B27N3/10 B28B11/18 B28B7/30 B29B13/00 B29C33/58 B29C39/14 B29C41/24 B29C43/22 B29C43/28 B29C43/30 B29C44/12 B29C45/14 B29C47/00 B29C53/00 B29C67/00 B29D35/00 B29D35/14 B29D7/00 B32B1/00 B32B1/06 B32B27/04 B32B3/00 B32B33/00 B32B37/00 B32B5/02

D06M17/00 (Advanced/Invention);

B29C43/02 B29C43/46 B29C47/02 B29K105/08 B29L31/50

B32B37/04 (Advanced/Non-invention);

A43B13/00 A43B13/02 A43B13/14 A43B15/00 A43B3/16 A43B5/00

A43C15/00 A43D8/00 B27N3/08 B28B11/00 B28B7/28 B29B13/00

B29C33/56 B29C39/00 B29C41/00 B29C43/22 B29C44/02 B29C45/14 B29C47/00 B29C53/00 B29C67/00 B29D35/00

B29D7/00 B32B1/00 B32B3/00 B32B33/00 B32B37/00 B32B5/02 (Core/Invention)

International (IPC 1-7): A43B1/02 A43B3/18

CPC: B29D35/142 A43B1/06 A43B13/026 A43B13/02 A43B13/42 A43C15/00 A43B1/0027 A43B3/0078 A43B3/108

A43B3/128 A43B7/142 A43B7/1425 A43B7/143 A43B7/1435 A43B7/144 A43B7/1445 A43B7/145 A43B7/32 A43B13/24

A43B23/24 B29D35/122 A43B13/12 A43B13/122 A43B13/22 A43B13/223 A43B1/02 D06M17/00 B29C43/28 B29C43/305

B29C43/46 B29C47/0019 B29C47/025 B29C2043/023 B29K2105/0854 B29L2031/504 B32B37/04

European: A43B13/02 A43B13/12 A43B13/12E A43B13/22B B29C43/28 B29C43/30B B29D35/14B L29C43/02B2 L29C43/46 L29C47/02C L29K105/08C L29L31/50D

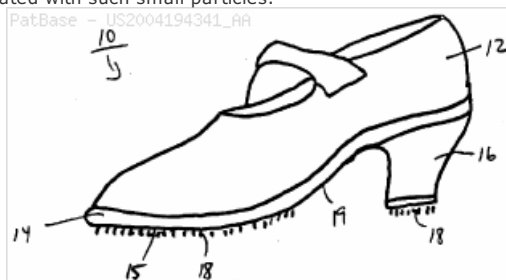
US: 1/1 12/146.00B 12/146.00BS 12/146.0BR 12/146B 12/146BR 156/196 156/242 264/138 264/148 264/151 264/165

264/166 264/171.11 264/171.13 264/171.130P 264/172.19 264/212 264/241 264/244 264/257 264/259 264/261 264/266

264/271.1 264/313 264/316 264/45.3 264/45.8 264/45.9 264/46.4 36/103 36/113 36/25.00R 36/25.00RP 36/25R 36/30.00RP

36/30R 36/59 36/59.00CS 36/59.00R 36/59.00RP 36/590C 36/59C 36/59R 36/7.6 36/7.7 36/76 36/77 36/8.1 36/81 36/83

36/84 36/9 36/9.00RP 36/9R



Family:

Publication number	Publication date	Application number	Application date
US2004194341 AA	20041007	US20030613741	20030703
US2004194345 AA	20041007	US20030438375	20030515
US2007017124 AA	20070125	US20060530419	20060908
US2007271713 AA	20071129	US20070751581	20070521
US2008230942 AA	20080925	US20080050887	20080318
US2009178307 AA	20090716	US20090408702	20090322
US2011023332 AA	20110203	US20100898550	20101005
US2012279085 AA	20121108	US20120543858	20120708
US2012297557 AA	20121129	US20120568405	20120807
US2013118675 AA	20130516	US20130733974	20130104
US2014096414 AA	20140410	US20130093706	20131202
US2014245642 AA	20140904	US20140274929	20140512
US2015033580 AA	20150205	US20130064131	20131026
US2015320143 AA	20151112	US20150734165	20150609
US2018125146 AA	20180510	US20180862710	20180105
US7191549 BB	20070320	US20030438375	20030515
US7516506 BB	20090414	US20070751581	20070521
US7713457 BB	20100511	US20080050887	20080318
US7827640 BB	20101109	US20090408702	20090322
US8197734 BA	20120612	US20100686250	20100112
US8234736 BB	20120807	US20100898550	20101005
US8414810 BA	20130409	US20100686237	20100112
US8608996 BB	20131217	US20130733974	20130104
US8647460 BA	20140211	US20100912722	20101026
US8661593 BB	20140304	US20120568405	20120807
US8661713 BB	20140304	US20060530419	20060908
US8808487 BA	20140819	US20100912729	20101026
US9049900 BA	20150609	US20110295360	20111114
US9078492 BB	20150714	US20030613741	20030703
US9414643 BB	20160816	US20150734165	20150609
US9894955 BB	20180220	US20130093706	20131202
WO07140171 A2	20071206	WO2007US69410	20070522
WO07140171 A3	20081016	WO2007US69410	20070522
WO08118694 A1	20081002	WO2008US57385	20080318

Priority:

US20020400322P	20020731	US20030460260P	20030403	US20030438375	20030515
US20030613741	20030703	US20030630032	20030730	US20060745926P	20060428
US20060803351P	20060526	US20060530419	20060908	US20070674668	20070213
US20070684311	20070309	US20070896315P	20070322	US20070751581	20070521
US20080050887	20080318	US20090408702	20090322	US20090604511	20091023
US20100686250	20100112	US20100686237	20100112	US20100898550	20101005
US20100912722	20101026	US20100912729	20101026	US20110295360	20111114
US20120543858	20120708	US20120568405	20120807	US20130733974	20130104
US20130064131	20131026	US20130093706	20131202	US20140274929	20140512
US20150734165	20150609	US20180862710	20180105		

Probable Assignee: DYNASTY FOOTWEAR LTD

Assignee(s): (std): COX ANTHONY ; DYNASTY FOOTWEAR LTD ; GOLDBERG JONATHAN ; KOO JOHN ; KOO JOHN C S ; SEYCHELLES IMP S LLC

Assignee(s): SEYCHELLES IMPORTS LLC

Inventor(s): (std): KOO JOHN C S ; KOO JOHN ; GOLDBERG JONATHAN ; COX ANTHONY

Agent(s): JOSEPH SWAN A PROFESSIONAL CORP; JOSEPH G SWAN PC; SWAN PC JOSEPH G; JOSEPH G; SWAN JOSEPH

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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: FRICTION REDUCING BANDAGE

Abstract: A self-adhesive bandage for prevention and treatment of skin breakdown by relief of friction and shear forces. The bandage includes a pair of thin film membranes, one of which is a portion of a dome and is free to move a limited distance with respect to the other. The dome is located on a skin contact layer that can be adhered to one's skin. A method of making such a bandage includes forming a dome in a flexible film and adhesively attaching a skirt surrounding the dome to a skin contact layer.

Classifications:

International (IPC 8-9): A43B17/00 A61F13/00 A61F13/02

A61F13/06 A61F13/10 A61F15/00 A61F5/00

A61F5/37 (Advanced/Invention);

A61F13/00 A61F13/02 A61F13/06 A61F13/10 A61F15/00 A61F5/00

A61F5/37 (Core/Invention);

A61F (Subclass/Invention)

International (IPC 1-7): A61F13/00

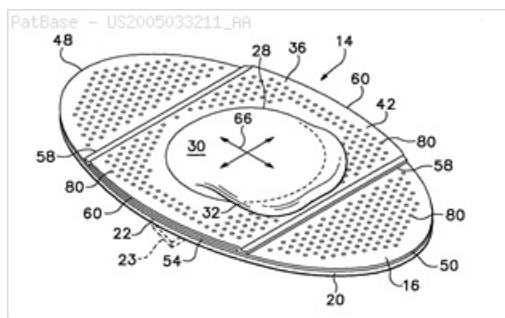
CPC: A61F13/0203 A61F13/06 A61F13/068 A61F13/069 A61F13/101

A61F15/008

European: A61F13/02B A61F13/06 A61F13/06D8 A61F13/06D9

A61F13/10E A61F15/00P

US: 128/882 128/889 602/41 602/42 602/43 602/54 602/58

**Family:**

Publication number	Publication date	Application number	Application date
CN100430033 C	20081105	CN200480029227	20040803
CN1863493 A	20061115	CN200480029227	20040803
DE602004039636 D1	20121206	DE200460039636T	20040803
EP1660000 A2	20060531	EP20040780016	20040803
EP1660000 A4	20110525	EP20040780016	20040803
EP1660000 B1	20121010	EP20040780016	20040803
HK1098335 A1	20090430	HK20070104728	20070504
HK1098335 A3	20070720	HK20070104728	20070504
JP2007501672 T2	20070201	JP20060523227T	20040803
JP4611980 B2	20110112	JP20060523227T	20040803
US2005033211 AA	20050210	US20030637429	20030808
US2005033212 AA	20050210	US20030672731	20030925
US2007027423 AA	20070201	US20060501670	20060808
US7087806 BB	20060808	US20030672731	20030925
US7479577 BB	20090120	US20060501670	20060808
WO05016179 A2	20050224	WO2004US25108	20040803
WO05016179 A3	20050818	WO2004US25108	20040803

Priority:

US20030637429 20030808 US20030672731 20030925 EP20040780016 20040803
 WO2004US25108 20040803 US20060501670 20060808

Probable Assignee: ADVANCED WOUND SYSTEMS LLC

Assignee(s): (std): ADVANCE WOUND SYSTEMS LLC ; ADVANCED WOUND SYSTEMS LLC ; POLLIACK ADRIAN A ; SCHEINBERG SAMUEL ; SEABERG CO INC ; TUHOLSKY JOSEPH

Assignee(s): THE SEABERG COMPANY INC

Inventor(s): (std): JOSEPH SCHEINBERG SAMUEL POLLI ; JOSEPH TUHOLSKY ; POLLIACK ADRIAN A ; SAMUEL SCHEINBERG ; SCHEINBERG SAMUEL ; TUHOLSKY JOSEPH

Inventor(s): TUHOLSKY JOSEPH BURNSVILLE ; ADRIAN A POLLIACK ; SCHEINBERG SAMUEL NEOTSU ; SCHEINBERG SAMUEL POLLIACK ADRIAN A ; SCHEINBERG SAMUEL POLLIACK ADRIAN A TUHOLSKY JOSEPH ; POLLIACK ADRIAN A LAKE OSWEGO ; POLLIACK ADRIAN

Agent(s): BEATTIE ALEX THOMAS STEWART; CHERNOFF VILHAUER MCCLUNG AND STENZEL; CHERNOFF VILHAUER MCCLUNG AND STENZEL LLP

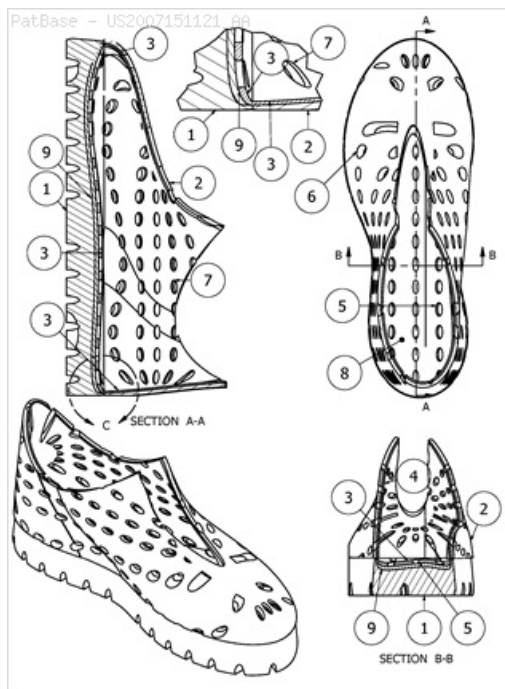
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO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

Title: STRETCHABLE AND TRANSFORMABLE PLANAR HEAT PIPE FOR APPAREL AND FOOTWEAR, AND PRODUCTION METHOD THEREOF

Abstract: Transformable and stretchable essentially planar heat pipe disposed as element of thermal management in apparel or footwear articles.

Classifications:

International (IPC 8-9): A43B7/02 A43B7/06 B32B3/26 D04B1/14 D04B21/14 F24J3/08 F28D15/00 F28D15/02 F28F1/36 H05K7/20 (Advanced/Invention); A43B7/00 B32B3/26 D04B1/14 D04B21/14 F24J3/00 F28D15/00 F28D15/02 F28F1/12 H05K7/20 (Core/Invention)
CPC: F28D15/0241 F28D15/0275 A43B7/005 A43B7/082 A41D13/0051 F28F3/14 F28F21/06 F28F19/006 F28F2245/02 F28F2245/04 F28D15/0266 Y02E10/10 B82Y30/00 F28F21/02 F28D15/0283 B21C23/01 B21C23/085 B29C47/0023 B29C47/0059 B29C47/02 B29L2024/00 B29L2031/18 F28F2255/16 H01L2924/0002 F28D15/0233 F28D15/046 F28D20/0052 G06F1/20 H01L23/427 Y02E60/142 F28D20/023 A41D31/0033 A61F2007/0001 A61F2007/0292 Y02E60/145 D04C1/12 Y10T442/425 Y10T442/431 Y10T442/45 Y10T428/24953 F24T10/00
European: A41D13/005B A41D31/00C6 A43B7/00B A43B7/08C B21C23/01 B21C23/08B B82Y30/00 D04C1/12 F28D15/02E F28D15/02F F28D15/02M F28D15/02N F28D15/02P F28D15/04B F28D20/00D F28D20/02B F28F21/06 F28F3/14 G06F1/20 H01L23/427 K61F7/00A K61F7/02S L29C47/00J6 L29C47/00L9 L29C47/02 L29L24/00 L29L31/18 L82T201/01T R28D15/02E R28D15/02F R28F19/00D R28F21/02 Y02E60/14B Y02E60/14D
US: 165/104.14 165/104.21 165/104.26 165/104.26P 165/104.260S 165/183 165/185 165/45 165/45P 165/80.4 174/15.1 174/16.1 174/16.3 248/200 257/E23.088 257/E23.088S 36/2.6 36/2.600S 36/3.00R 36/3.00RP 36/3R 361/699 361/700 361/701 361/701P 361/719 428/304.4 428/304.400P 442/308 442/309 442/312 72/253.1 72/253.100S



Family:

Publication number	Publication date	Application number	Application date
US2007151121 AA	20070705	US20060307359	20060202
US2007151703 AA	20070705	US20060308663	20060419
US2007151708 AA	20070705	US20050306527	20051230
US2007151709 AA	20070705	US20050306530	20051230
US2007151710 AA	20070705	US20060307292	20060131
US2007153481 AA	20070705	US20060307865	20060226
US2007154700 AA	20070705	US20060308107	20060307
US2007155271 AA	20070705	US20060308438	20060324
US2007251672 AA	20071101	US20060307125	20060124
US2008099188 AA	20080501	US20050306529	20051230
US7299860 BB	20071127	US20060307125	20060124
US7310232 BB	20071218	US20060307865	20060226
WO07079371 A2	20070712	WO2006US62591	20061224
WO07079371 A3	20071129	WO2006US62591	20061224
WO07079427 A2	20070712	WO2006US62773	20061230
WO07079427 A3	20080327	WO2006US62773	20061230
WO07124386 A2	20071101	WO2007US67017	20070419
WO07124386 A3	20080306	WO2007US67017	20070419

Priority:

US20050306527	20051230	US20050306529	20051230	US20050306531	20051230
US20050306530	20051230	US20060307051	20060120	US20060307125	20060124
US20060307292	20060131	US20060307359	20060202	US20060307865	20060226
US20060308107	20060307	US20060308438	20060324	US20060308663	20060419
WO2006US62591	20061224				

Probable Assignee: TOUZOV IGOR

Assignee(s): (std): TOUZOV IGOR ; TOUZOV IGOR V ; TOUZOV IGOR VICTOROVICH

Inventor(s): (std): TOUZOV IGOR ; TOUZOV IGOR VICTOROVICH ; TOUZOV IGOR V

Agent(s): IGOR V TOUZOV

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 LK LR LS LT LU LV LY MA MC MD 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 ZA ZM ZW

Title: PLANTILLA DEPORTIVA PARA VOLLEYBALL/BASKETBALL TEMPLATE FOR SPORT VOLLEYBALL / BASKETBALL (Machine translation)

Abstract: Source: CO5960126A [ES] ? La plantilla (Ortesis), deportiva para volleyball / basketball, ha sido diseñada específicamente para el calzado deportivo tipo tenis; para jugar volleyball y basketball, La invencion esta caracterizada porque posee una parte superior y una inferior. Cada una con configuracion y aditamentos diferentes. En la parte superior presenta: Una SUPERFICIE PLANA PARA EL TALON. Una SUPERFICIE EN DECLIVE ALREDEDOR DEL TALON. En la parte media presenta un BOTON RETROMETATARSIANO. En la parte **interna** media presenta un DEPRIMIDO O CUNA PARA LA BOLA O SESAMOIDE. En el area de los dedos presenta CINCO DEPRIMIDOS O CUNAS para cada uno de los dedos. Presenta de la parte media de la plantilla UN GRADIENTE O DESNIVEL HASTA EL TALON y un segundo GRADIENTE O DESNIVEL hasta el area de los dedos. Un revestimiento de una TELA SINTETICA. En la parte inferior presenta: Un AREA PLANA PARA EL TALON. Un CANAL BIOMECANICO DE FLEXION PARA EL CALCANEOS. Un ARCO LONGITUDINAL. Un AREA DE SOPORTE CORPORAL. Un CANAL BIOMECANICO DE FLEXION DORSAL. Un COJIN DE ABSORCION DE IMPACTO. Un CANAL BIO MECANICO DE FLEXION DE LOS DEDOS. UNA AREA PLANA PARA LOS DEDOS. Tambien, varios aditamentos han sido descritos anteriormente. Otros dibujos y aditamentos, estan descritos dentro del conocimiento ordinario y experiencia del arte de la ingenieria. Tambien, se han descrito los aditamentos de la invencion, en terminos de la aplicacion y conformacion; para llegar a la construccion de la plantilla fisicamente. Se ha disenado una plantilla deportiva para volleyball / basketball comprometiendo: Varios aditamentos unicos y especificos; los cuales son de disenno anatomico y de acuerdo a la biomecanica del pie; para proteger la salud del pie, un excelente rendimiento y confort. less than EMI FILE="08029255_1" ID="1" IMF=JPEG HE=50 WI=50 greater than **Machine translation:** ? The template (Orthotics), sports for volleyball / basketball, has been designed specifically for sports **shoes** tennis type; to play volleyball and basketball, the invention is characterized in that it has a top and a bottom. Each with different hardware configuration. At the top presents: a flat surface for the heel. A sloped surface around the heel. In the middle part has a PIN RETROMETATARSIANO. In the middle **inner** part presents a depressed or CRADLE FOR THE BALL OR sesamoid. In the area of the fingers has five DEPRESSED or wedges for each finger. It presented in the middle of the gradient or sloping template to the heel and a **second** gradient, or elevation to the area of the fingers. A coating of a synthetic **fabric**. At the bottom presents: A FLAT FOR THE HEEL AREA. A CHANNEL FOR BIOMECHANICAL FLEXION calcaneus. A LONGITUDINAL ARCH. A BODY SUPPORT AREA. A CANAL biomechanical dorsiflexion. A cushion shock absorption. A CHANNEL BIO MECHANICAL finger flexion. A FLAT toe area. Also, various attachments have been described above. Other drawings and attachments, are described within the ordinary knowledge and experience of the art of engineering. Also, attachments described the invention in terms of the application and conformation; to reach the construction of the template physically. It has designed a sports template for volleyball / basketball committing: Various unique and specific hardware; which are anatomically designed and according to the biomechanics of the foot; to protect the health of the foot, excellent performance and comfort. less than EMI FILE = "08029255_1" ID = "1" IMF = JPEG HE = 50 WI = 50 greater than

Classifications:

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

PatBase - CO5960126_A1

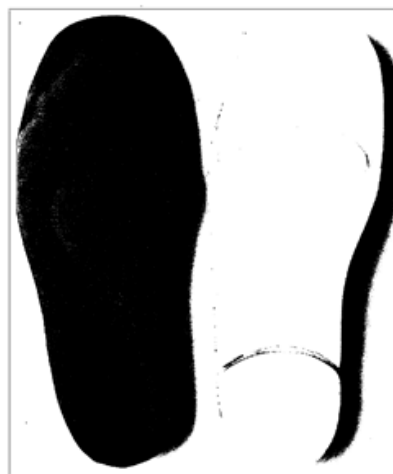


FIG. 13

78

Family:

Publication number	Publication date	Application number	Application date
CO5960126 A1	20080930	CO20080029255	20080325

Priority:

CO20080029255 20080325

Probable Assignee: RESTREPO BETANCUR RAUL DEL SOC

Assignee(s): (std): RESTREPO BETANCUR RAUL DEL SOC

Assignee(s): RESTREPO BETANCUR RAUL DEL SOCORRO ; RAUL DEL SOCORRO RESTREPO BETANCUR

Inventor(s): (std): RESTREPO BETANCUR RAUL DEL SOC

Inventor(s): RESTREPO BETANCUR RAUL DEL SOCORRO ; RAUL DEL SOCORRO RESTREPO BETANCUR

Title: SOLE UNIT FOR FOOTWEAR AND FOOTWEAR PROVIDED THEREWITH

Abstract: The invention provides a water vapor permeable sole unit (15) including an outsole ply (41) constructed using an outsole material, possibly formed from a plurality of pieces and/or provided with outsole portions arranged thereunder, which outsole ply is thickness reduced within a circumferential region by means of a recess (43) extending from an upper side of the outsole ply (41), and provided with outsole ply through **hole** openings (45) extending through the thickness thereof. The sole unit (15) possesses a water vapor permeable barrier ply (47) at least partly disposed in the recess (43) of the outsole ply (41), extending only over a partial height of the recess (43) and constructed using a barrier material configured against foreign bodies being forced through. The sole unit (15) possesses a water vapor permeable comfort ply (49) disposed above the barrier ply (47) in the recess (43) and constructed using a comfort ply material having a lower hardness and/or a lower specific density than the outsole material.

Classifications:

International (IPC 8-9): A43B1/04 A43B13/02 A43B13/12

A43B13/14 A43B13/16 A43B13/42 A43B7/06

A43B7/12 (Advanced/Invention);

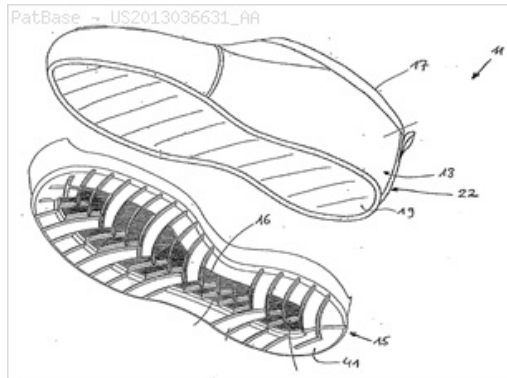
D06N3/00 (Advanced/Non-invention)

CPC: A43B1/04 A43B13/42 A43B7/125 A43B7/06 A43B13/16

A43B13/12

European: A43B1/04 A43B13/16 A43B13/42 A43B7/06 A43B7/12B

US: 36/103 36/30R



Family:

Publication number	Publication date	Application number	Application date
AU2010230187 AA	20101007	AU20100230187	20100331
AU2010230187 BB	20130124	AU20100230187	20100331
CA2755855 AA	20101007	CA20102755855	20100331
CA2755855 C	20150106	CA20102755855	20100331
CN102378583 A	20120314	CN201080016213	20100331
CN102378583 B	20170510	CN201080016213	20100331
DE102009015890 A1	20101014	DE200910015890	20090401
DE502010012004 D1	20160825	DE201050012004T	20100331
EP2413728 A1	20120208	EP20100718095	20100331
EP2413728 B1	20160713	EP20100718095	20100331
IN03807KN2011 A	20120511	IN2011KNO3807	20110915
JP2012522551 T2	20120927	JP20120502681T	20100331
JP5540069 B2	20140702	JP20120502681T	20100331
KR101457757 B1	20141103	KR20117026074	20100331
KR20120018140 A	20120229	KR20117026074	20100331
RU2011144094 A	20130510	RU20110144094	20100331
RU2499536 C2	20131127	RU20110144094	20100331
UA105522 C2	20140526	UA20110012686	20100331
US2013036631 AA	20130214	US20100262856	20100331
WO10112568 A1	20101007	WO2010EP54359	20100331

Priority:

DE200910015890 20090401 EP20100718095 20100331 WO2010EP54359 20100331

Probable Assignee: WL GORE AND ASSOCIATES GMBH

Assignee(s): (std): GORE W L AND ASS GMBH ; NABERNIK STANE ; V L GORE U ASSOSHIEHJTS GMBKH ; W L GORE AND AMP ASSOCIATES GMBH

Assignee(s): W L GORE AND ASSOCIATES GMBH ; WL GORE AND ASSOCIATES GMBH ; W L GORE AND ASSOCIATES GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ; WL GORE AND ASSOCIATES GES MIT BESCHRANKTER HAFTUNG ; WL GORE AND ASSOCIATES GMBHHERMANN-OBERTH-STRASSE 2285640PUTZBRUNNDE ; WLGORE AND ASSOCIATES GMBH ; VL GORE U ASSOSHIEHJTS GMBKH

Inventor(s): (std): NABERNIK STANE ; STANE NABERNIK

Inventor(s): NABERNIK STANEDE

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GOWLING LAFLEUR HENDERSON LLP; KLUNKER SCHMITT NILSON HIRSCH; KSNH KLUNKER SCHMITT NILSON HIRSCH

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 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 PE PG PH PL PT RO RS RU 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

Title: WATERPROOF AND VAPOR-PERMEABLE **SHOE**, PARTICULARLY BUT NOT EXCLUSIVELY OF THE SAFETY TYPE OR THE LIKE

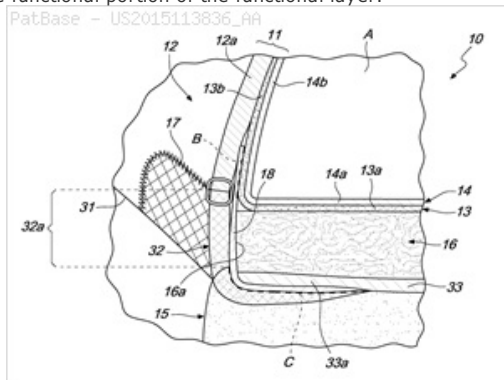
Abstract: A waterproof and vapor-permeable **shoe**, including: an upper assembly, which is composed of at least one upper and a waterproof and vapor-permeable functional layer **internal** thereto, a tread portion joined to the upper assembly below the upper assembly, at least one vapor permeation layer provided below the foot insertion space formed **inside** the **shoe**. At least one opening is provided lateral with respect to the **shoe** proximate to a region of connection of the upper assembly to the tread portion, the at least one opening being open toward a perimetric edge of the at least one vapor permeation layer. The **shoe** further includes, interposed between the perimetric edge and the at least one opening, selectively: at least one waterproof and vapor-permeable functional element, at least one functional portion of the functional layer.

Classifications:

International (IPC 8-9): A43B1/04 A43B17/08 A43B17/10 A43B7/06 A43B7/08 A43B7/12 A43B9/12 (Advanced/Invention)

CPC: A43B7/06 A43B1/04 A43B7/125 A43B7/085 A43B9/12

US: 36/3A



Family:

Publication number	Publication date	Application number	Application date
AR089190 AA	20140806	AR2012P104655	20121211
BR112014014460 A2	20170613	BR20141114460	20121113
BR112014014460 A8	20170627	BR20141114460	20121113
BR112014014460 A8	20170613	BR20141114460	20121113
CA2859267 AA	20140613	CA20122859267	20121113
CN104114053 A	20141022	CN201280067096	20121113
CN104114053 B	20161228	CN201280067096	20121113
EA026185 B1	20170331	EA20140091198	20121113
EA201491198 A1	20141128	EA20140091198	20121113
EP2790542 A1	20141022	EP20120784264	20121113
IN01253KN2014 A	20151016	IN2014KN01253	20140610
ITPD20110395 A1	20130617	IT2011PD00395	20111216
JP2015500106 T2	20150105	JP20140546386T	20121113
MA35731 B1	20141201	MA20140037116	20140610
TN2014000249 A1	20150930	TN20140000249	20140609
TW201330794 A	20130801	TW20120147672	20121214
TWI549620 B	20160921	TW20120147672	20121214
UA112563 C2	20160926	UA20140006680	20121113
US2015113836 AA	20150430	US20120365778	20121113
US9763492 BB	20170919	US20120365778	20121113
WO13087324 A1	20130620	WO2012EP72494	20121113

Priority:

IT2011PD00365 20111216 IT2011PD00395 20111216 WO2012EP72494 20121113

Probable Assignee: GEOX SPA

Assignee(s): (std): GEOX SPA

Assignee(s): GEOX SPA VIA FELTRINA CENTRO 161-31044 MONTEBELLUNALOCALITA BIADENETREVISIOIT ; POLEGATO MORETTI MARIO ; GEOX S P A

Inventor(s): (std): MARIO POLEGATO MORETTI ; POLEGATO MORETTI MARIO

Inventor(s): POLEGATO MORETTI MARIOIT

Agent(s): MARKS AND CLERK; MODIANO MICAELA NADIA; NOGAWA SHINTARO; YAMADA TAKUJI; OBLON MCCLELLAND MAIER AND NEUSTADT LLP; MODIANO MICAELA

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 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 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

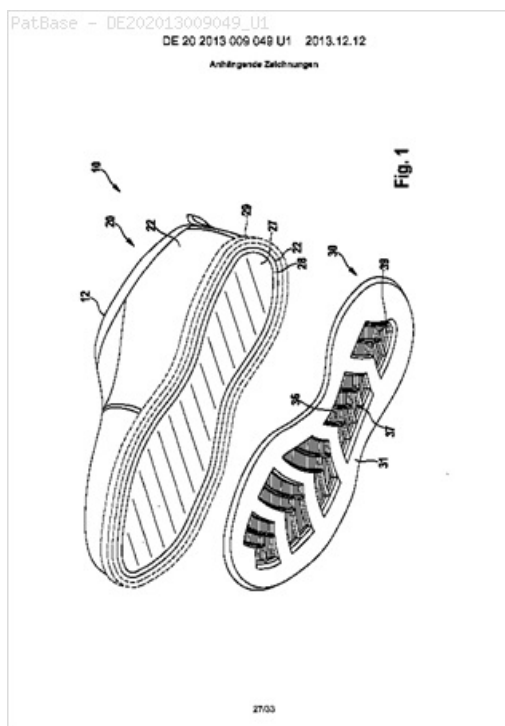
Title: SCHUHWERK FOOTWEAR (Machine translation)

Abstract: Source: DE202013009049U1 [DE] Schuhwerk (10) mit einer Schaftanordnung (20), einem Rahmen (29) und einer wasserdampfdurchlaessigen, mit einem sohlenseitigen Endbereich der Schaftanordnung (20) verbundenen Sohleneinheit (30), wobei die Schaftanordnung (20) ein Schaftobermaterial (22), einen mit einer wasserdichten und wasserdampfdurchlaessigen Schaftbodenfunktionsschicht (95) versehenen Schaftboden und ein Brandsohlenelement (27) aufweist, wobei das Brandsohlenelement (27) unterhalb der wasserdichten und wasserdampfdurchlaessigen Schaftbodenfunktionsschicht (95) angeordnet ist und eine in Richtung Sohleneinheit (30) hervorstehende Lippe (28) aufweist, wobei der Rahmen (29) an dem sohlenseitigen Endbereich der Schaftanordnung (20) in umlaufender Weise angeordnet ist, wobei die Sohleneinheit (30) eine wasserdampfdurchlaessige, in einem von dem Brandsohlenelement (27) durch die Lippe (28) geschaffenen Zwischenraum angeordnete Komfortlage (34) und eine Laufsohlenlage (31) aufweist, wobei die Laufsohlenlage (31) zumindest teilweise unter der Komfortlage (34) und dem Rahmen (29) angeordnet ist und unterhalb der Komfortlage (34) mit Laufsohlendurchgangsoeffnungen (37) versehen ist, und wobei die Lippe (28) des Brandsohlenelements (27), das Schaftobermaterial (22) und der Rahmen (29) miteinander vernaeht sind. **Machine translation:** Footwear (10) comprising a shaft assembly (20), a frame (29) and a water vapor-permeable, on the sole side with an end portion of the shaft assembly (20) connected to the sole unit (30), said shaft assembly (20) upper **outer** material (22), one with a waterproof and water vapor permeable shaft bottom functional layer (95) provided with shaft bottom and an insole element (27), wherein the insole element (27) is below the waterproof and water vapor permeable shaft bottom functional layer (95) is arranged and one in the direction of the sole unit (30) protruding lip (28), wherein the frame (29) is arranged on the sole-side end region of the shaft assembly (20) in circulating manner, said sole unit (30) is arranged a water vapor-permeable, in one of said insole member (27) by the lip (28) created space comfort layer (34) and an outsole layer (31), wherein the outsole layer (31) is arranged at least partially below the comfort layer (34) and the frame (29) and below the comfort layer (34) is provided with Laufsohlendurchgangsoeffnungen (37), and wherein the lip (28) of the insole member (27), the upper **outer** material (22) and the frame (29) are sewn together.

Classifications:

International (IPC 8-9): A43B13/14 A43B13/38 A43B3/02 A43B7/12 (Advanced/Invention)

CPC: A43B23/022 A43B7/125



Family:

Publication number	Publication date	Application number	Application date
DE202013009049 U1	20131212	DE201320009049U	20131011

Priority:

DE201320009049U 20131011

Probable Assignee:

GORE W L AND ASS GMBH

Assignee(s): (std):

GORE W L AND ASS GMBH

Assignee(s):

W L GORE AND ASSOCIATES GMBH

Title: FORCESPINNING OF FIBERS AND FILAMENTS

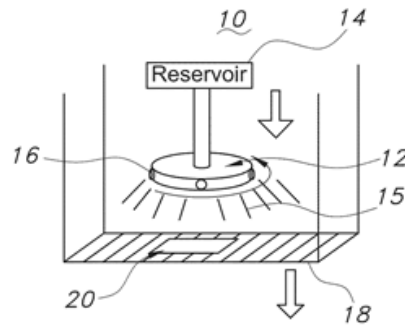
Abstract: Among other things, the inventive subject matter generally relates to systems and methods for collecting fibers of any scale in agglomerations of generally parallel strands for use in forming yarns, for example.

Classifications:

International (IPC 8-9): A41D31/00 A41D31/02 A41G11/00
 A43B3/12 A47G9/08 A61G11/00 B28B1/54 B29B7/38 B29C70/38
 B32B5/02 B32B5/06 B32B5/26 C03B37/04 D01D5/04 D01D5/18
 D01D7/00 D01F6/12 D01F6/70 D04H1/02 D04H1/40 D04H1/4318
 D04H1/4358 D04H1/4374 D04H1/4382 D04H1/49 D04H1/555
 D04H1/559 D04H1/56 D04H1/70 D04H1/72 D04H1/724 D04H1/732
 D04H1/76 D04H13/00 D04H3/016 D04H3/018 D04H3/03
 D04H3/07 (Advanced/Invention);
 B28B B29B B29C C03B (Subclass/Invention)
CPC: D04H1/4382 D04H1/72 D04H3/016 D04H3/03 D04H3/07
 D01D7/00 D01F6/12 D01F6/70 D04H1/724 D04H1/02 D04H1/49
 D04H13/00 D10B2501/00 D04H1/70 D10B2331/10 D10B2321/042
 D10B2403/033 D04H1/76 B32B3/266 B32B5/024 B32B5/026
 B32B5/08 B32B7/12 B32B27/12 B32B27/205 B32B27/322
 B32B27/40 B32B2262/0261 B32B2262/0276 B32B2262/062
 B32B2262/08 B32B2262/14 B32B2307/7242 B32B2437/00
 B32B2439/06 B32B2439/46 D04H1/4358 D04H1/4374 D04H1/555
 D04H1/559 D04H1/56 D04H1/4318 B32B2250/20 B32B2437/02 B32B5/022 B32B5/06 B32B5/26 B32B2262/0253
 B32B2262/0292 B32B2307/724 B32B2307/7265 D01D5/18 C03B37/04 Y10T428/24 Y10T428/24752 Y10T428/2476
 Y10T428/249921 Y10T428/249953 Y10T428/249962 Y10T428/26

US: 156/244.11 156/500 264/176.1 264/211.1 264/211.12 425/376.1 428/221

PatBase - US2016168756_AA

**Family:**

Publication number	Publication date	Application number	Application date
■ CN105473296 A	20160406	CN201480046772	20140703
■ CN106048904 A	20161026	CN201610391076	20140703
■ EP3016788 A2	20160511	EP20140820554	20140703
■ EP3016788 A4	20170308	EP20140820554	20140703
■ EP3168019 A1	20170517	EP20160203252	20140703
■ HK1223067 A1	20170721	HK20160111324	20160927
■ JP2016193205 A2	20161117	JP20160106038	20160527
■ JP2016532787 T2	20161020	JP20160524385T	20140703
■ KR20160023918 A	20160303	KR20167003748	20140703
■ KR20160023919 A	20160303	KR20167003749	20140703
■ KR20160029821 A	20160315	KR20167002904	20140703
■ US2016168756 AA	20160616	US20140988290	20140703
■ US2017254005 AA	20170907	US20140987684	20140703
■ WO15003170 A2	20150108	WO2014US45484	20140703
■ WO15003170 A3	20150305	WO2014US45484	20140703

Priority:

US20130843295P 20130705	US20130844532P 20130710	US20140949079P 20140306
CN201480046772 20140703	EP20140820554 20140703	JP20160524385T 20140703
WO2014US45484 20140703	US20140988290 20140703	US20140987684 20140703
JP20160106038 20160527		

Probable Assignee: NORTH FACE APPAREL CORP

Assignee(s): (std): NORTH FACE APPAREL CORP

Assignee(s): NORTH FACE APPAREL CORP THE

Inventor(s): (std): GLADISH JUSTIN LEE ; JUSTIN LEE GLADISH ; MARY ELLEN SMITH ; SMITH MARY ELLEN

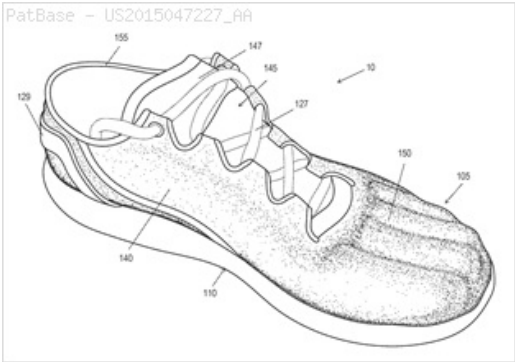
Agent(s): PHILIPP MATTHIAS; YKI PATENT ATTORNEYS; YKI INTELLECTUAL PROPERTY ATTORNEYS; GANZ BRADLEY M

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 LI LK LR LS LT LU LV 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 RA 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

Title: PERFORMANCE FOOTWEAR

Abstract: The present invention is directed toward footwear including an upper connected to a sole structure. The upper includes two portions formed via compression **molding** in which textile layers are compressed to form a **fabric** laminate. One of the upper portions generally defines a seamless heel cup. The other upper portion generally defines a toe cage. The toe cage includes one or more integrated toe guides operable to position a toe of a wearer in a predetermined position within the cavity.

Classifications:
International (IPC 8-9): A43B23/02 A43B5/00 A43B7/26 (Advanced/Invention)
CPC: A43B7/26 A43B23/026 A43B23/087 A43B23/17 A43B23/0215 A43B23/0235 A43B23/0295 A43B23/0255 A43B23/02
US: 36/88



Family:

Publication number	Publication date	Application number	Application date
■ CN105491905 A	20160413	CN201480045106	20140813
■ CN105491905 B	20170815	CN201480045106	20140813
■ CN107581703 A	20180116	CN201710680139	20140813
■ EP3032980 A1	20160622	EP20140835903	20140813
■ EP3032980 A4	20170419	EP20140835903	20140813
■ US2015047227 AA	20150219	US20140458712	20140813
■ US2017273404 AA	20170928	US20170619796	20170612
■ WO15023755 A1	20150219	WO2014US50900	20140813

Priority:

US20130865384P 20130813	CN201480045106 20140813	US20140458712 20140813
WO2014US50900 20140813	US20160348430P 20160610	US20170619796 20170612

Probable Assignee: UNDER ARMOUR INC

Assignee(s): (std): UNDER ARMOUR INC

Inventor(s): (std): DOMBROW DAVID ; FALLON KEVIN ; DOENGES NICOLE ; AUGER MARK

Agent(s): GILL JENNINGS AND EVERY LLP; GRENDZYNSKI MICHAEL E

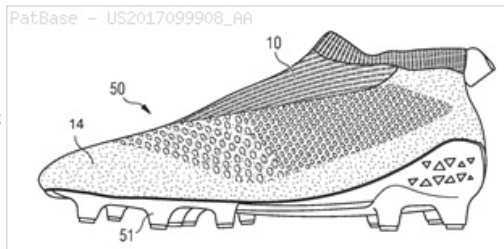
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM 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

Title: MANUFACTURING METHOD FOR COATING A **FABRIC** WITH A THREE-DIMENSIONAL SHAPE

Abstract: A method includes: (a.) providing a **fabric** comprising a **first** surface and a **second** surface; (b.) placing the **fabric** on a support structure adapted to permit gas circulation through at least a portion of a surface of the support structure, wherein the **fabric** is placed such that the **first** surface of the **fabric** faces the surface of the support structure and such that the **fabric** is arranged at least in part over a raised or embossed portion of the support structure; (c.) providing at least one coating comprising a **first** coating surface and a **second** coating surface opposite the **first** coating surface; (d.) placing the coating at least partially on the **second** surface of the **fabric**, such that the **first** coating surface faces the **fabric**; and (e.) applying a gas pressure differential between the **second** coating surface and the **first** surface of the **fabric**.

Classifications:

International (IPC 8-9): A43B1/04 A43B23/02 A43B5/00 A43B9/00 A43C11/00 A43D3/02 A43D8/00 A43D9/00 B29C51/10 B29C51/14 B29C51/16 B29D35/00 B29D35/14 D04B1/22 (Advanced/Invention)
CPC: A43B23/0275 A43B1/04 A43C11/002 A43C11/006 A43D3/02 B29D35/0063 B29D35/0072 B29D35/146 A43B23/0235 A43B23/0255 B29C51/10 B29C51/145 B29C2791/006 A43B9/00 A43B5/00 A43D9/00
US: 36/3A



Family:

Publication number	Publication date	Application number	Application date
■ CN106923437 A	20170707	CN201610881696	20161009
■ DE102015219636 A1	20170413	DE201510219636	20151009
■ EP3153052 A1	20170412	EP20160192792	20161007
■ US2017099908 AA	20170413	US20160283709	20161003

Priority:

DE201510219636 20151009

Probable Assignee: ADIDAS AG

Assignee(s): (std): ADIDAS AG

Inventor(s): (std): CHEN LULU ; FORESTER SAM ; LEE RENOLD

Agent(s): WEGNER HANS

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: LACELESS SHOE

Abstract: Described is a shoe upper for a shoe, in particular an athletic shoe, wherein the shoe upper is laceless and comprises: (a.) a lateral portion; (b.) a medial portion; and (c.) at least an elastic intermediate portion between the lateral portion and the medial portion, wherein the stiffness of at least one of the lateral portion and the medial portion is at least 2 times higher than the stiffness of the elastic intermediate portion.

Classifications:

International (IPC 8-9): A43B11/00 A43B23/02 A43B23/07
A43B5/00 A43B5/02 A43C11/00 A43C15/16 B05D1/02
B29D35/08 (Advanced/Invention)
CPC: A43B23/0295 A43B23/07 A43B23/0235 A43B5/00 A43C15/16
A43C11/006 B05D1/02 A43C11/002 A43B23/0205 A43B23/0245
US: 36/51



Family:

Publication number	Publication date	Application number	Application date
CN106889693 A	20170627	CN201610881962	20161009
DE102015219614 A1	20170413	DE201510219614	20151009
EP3153053 A1	20170412	EP20160192791	20161007
JP2017094056 A2	20170601	JP20160198713	20161007
US2017099909 AA	20170413	US20160283611	20161003

Priority:

DE201510219614 20151009 JP20160198713 20161007

Probable Assignee: ADIDAS AG

Assignee(s): (std): ADIDAS AG ; ADIDAS CO LTD

Assignee(s): ADIDAS CO

Inventor(s): (std): CHEN LULU ; FORESTER SAM ; LEE RENOLD ; RENO LEE ; RENOLD LEE ; SAM FOREST ; SAM FORESTER

Agent(s): WEGNER HANS; OHMORI NORIO; KOBAYASHI HIROSHI; FURUHASHI NOBUSHIGE

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 ME MK MT NL NO
PL PT RO RS SE SI SK SM TR

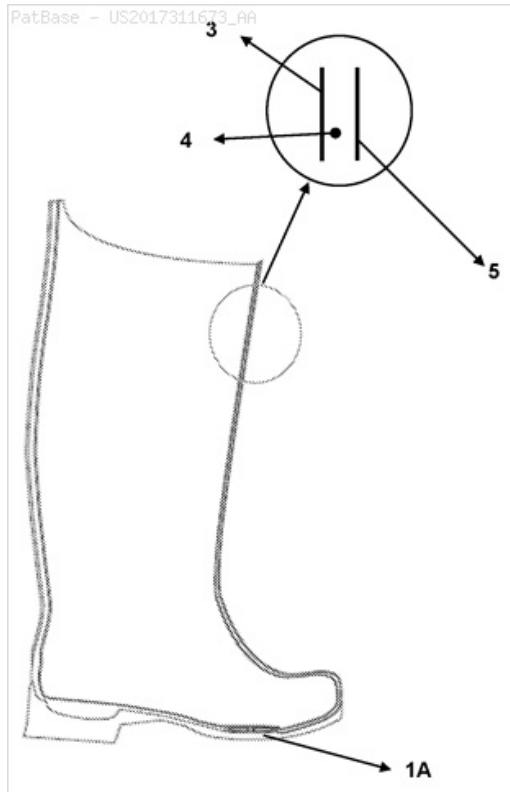
Title: **PLASTIC** FOOTWEAR WITH **INNER** LINER AND **OUTER** LINER OF **WOVEN** OR **NON WOVEN FABRIC**

Abstract: A pressure injected **plastic** footwear is provided characterized in that comprising double liner made of **fabric**, one on the **inside** part and one on the **outside** part; both liners may be identical or different and provide the footwear with special characteristics such as being fire retardant, antifungal, anti-**mold** and hermetic to moisture and liquid water as well as thermal insulating.

Classifications:

International (IPC 8-9): A43B1/00 A43B1/14 A43B13/04 A43B15/00 A43B23/02 A43B23/06 A43B23/07 A43B23/08 A43B23/10 A43B23/16 A43B23/17 A43B3/02 A43B7/12 A43B7/34 A43B7/36 B29D35/04 B29D35/12 B29D35/14 (Advanced/Invention); B29K27/06 (Advanced/Non-invention)

CPC: A43B1/14 A43B23/026 A43B3/02 B29D35/14 B29D35/04 A43B23/024 A43B23/0235 A43B7/34 A43B7/12 B29K2027/06 B29K2713/00 A43B1/10 A43B23/0215 A43B23/042 A43B23/06 B29D35/0009 B29D35/02 B29D35/126



Family:

Publication number	Publication date	Application number	Application date
CO20170001056 A1	20170810	CO20170001056	20170203
MX2016005649 A1	20171030	MX20160005649	20160429
US2017311673 AA	20171102	US20160341030	20161102
WO17188808 A1	20171102	WO2017MX00052	20170428

Priority:

MX20160005649 20160429

Probable Assignee: JUAN ANTONIO URTAZA GUERRA

Assignee(s): (std): JUAN ANTONIO URTAZA GUERRA ; URTAZA GUERRA JUAN ANTONIO

Inventor(s): (std): JUAN ANTONIO URTAZA GUERRA ; URTAZA GUERRA JUAN ANTONIO

Agent(s): JOHAN SEBASTIAN GOMEZ VILLA; LANUZA ACOSTA RODRIGO

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 KH 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