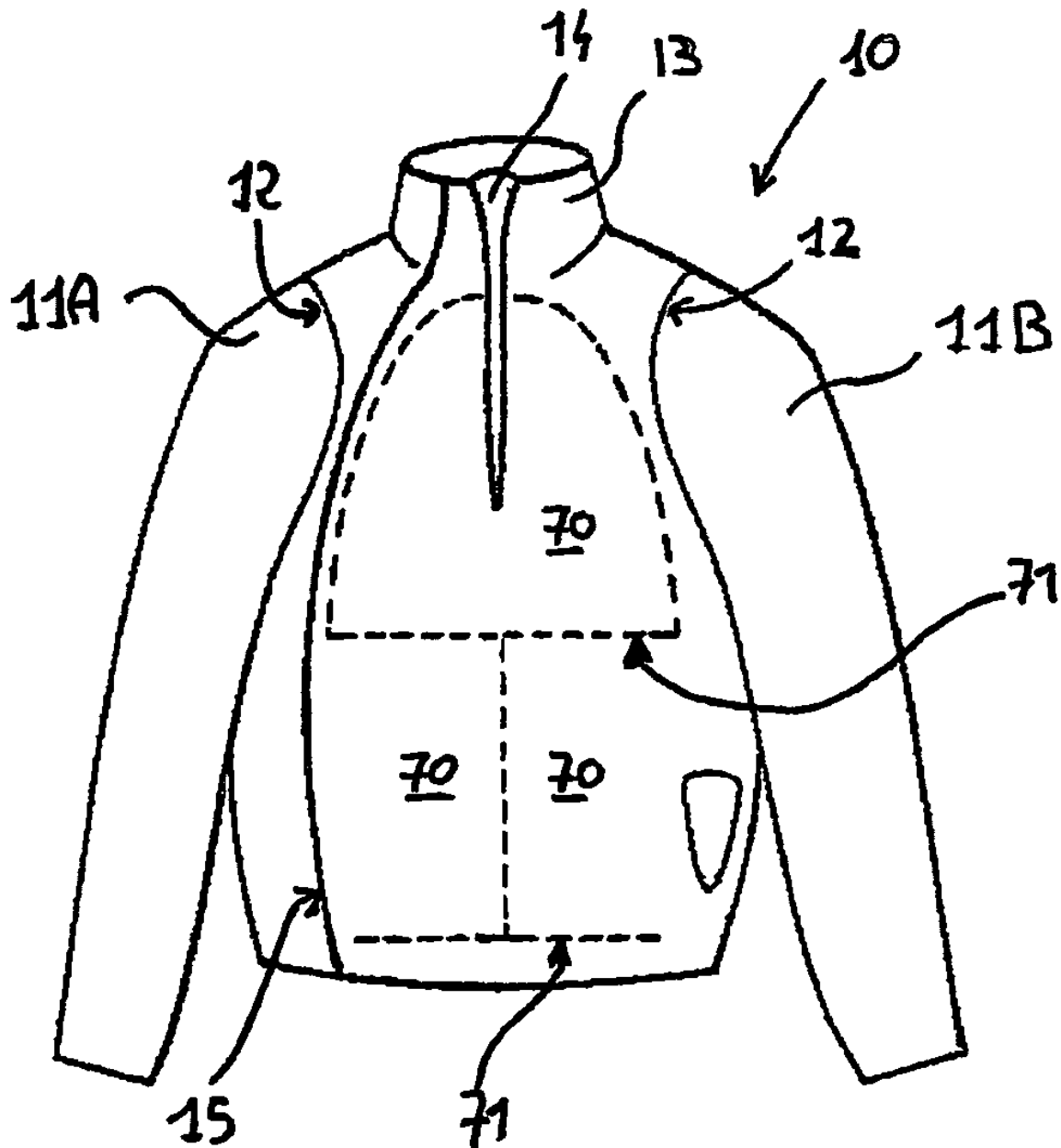


16 Documents

Publication numbers	Title	Current assignees
WO200548754 A1	Garment associated to protective inflatable devices	ALPINESTARS RESEARCH
US2304574 A	Knapsack jacket	ISAAC KIRSCHENBAUM
WO201044072 A2	Harness-like vest system with a compartment at the rear	TOBON GAVIRIA ROSAURA
WO200417775 A1	Ventilation device for an item of clothing	W L GORE & ASSOCIATES
EP2807937 A1	Protective clothing	MÜLLER-ADAM WOLFGANG
WO200467365 A1	Integrated method and system for the safety control of scooters and motorbikes	BIANCHELLI SAURO
EP2199447 A1	Superabsorbent polymer felt and method for its manufacture	IQTEX PATENTVERWALTUNG UG
WO200539700 A1	Piece of clothing provided with a sealing arrangement and method for the production thereof	W L GORE & ASSOCIATES
WO201609349 A1	Windscreen safety assembly	PIAGGIO & C
WO2012104725 A2	Systems and methods for audio roaming for mobile devices, group information server among mobile devices, and defining group of users with mobile devices	TAKWAK
WO200974655 A1	Transmission of vehicle-relevant data of a vehicle via mobile communication	CONTINENTAL TEVES
WO201060943 A1	Thermoregulating, cut-resistant yarn and fabric	DSM IP ASSETS
CA2814891 A1	Face cover	OUTERU GEAR
BR201002065 A2	Didactic Game of transit	CENTER FEDERAL DE EDUCACAO TECNOLOGICA DE MINAS GERAIS CEFET
US20150016093 A1	Wearable devices with integrated light sources	WILSON BENJAMIN M
WO200210667 A2	Supple penetration resistant fabric and method of making	HIGHER DIMENSION MATERIALS

Images



WO2005048754	A1	2005-06-02	WO200548754
AU2003292531	A1	2005-06-08	AU2003292531
EP1615514	A1	2006-01-18	EP1615514
US20060218706	A1	2006-10-05	US20060218706
KR20060115349	A	2006-11-08	KR20060115349
CN1878482	A	2006-12-13	CN1878482
JP2007518885	A	2007-07-12	JP2007518885
EP1615514	B1	2008-07-09	EP1615514
AT400194	T	2008-07-15	ATE400194
DE60322124	D1	2008-08-21	DE60322124
CN1878482	B	2010-08-25	CN1878482B



AU2003292531	B2	2010-09-30	AU2003292531
JP4616172	B2	2011-01-19	JP4616172
US7921472	B2	2011-04-12	US7921472

**Abstract**

(EP1615514)

Garment (10) comprising means (20, 30) for active protection of the upper part of the body against falls and/or impacts with obstacles, in which a single active protection means (20, 30) extends from one side to the other of the chest above the sternum.

Inventors

MAZZAROLO GIOVANNI

Latest standardized assignees - inventors removed

ALPINESTARS RESEARCH

Publication dates

2005-06-02

2005-06-08

2006-01-18

2006-10-05

2006-11-08

2006-12-13

2007-07-12

2008-07-09

2008-07-15

2008-08-21

2010-08-25

2010-09-30

2011-01-19

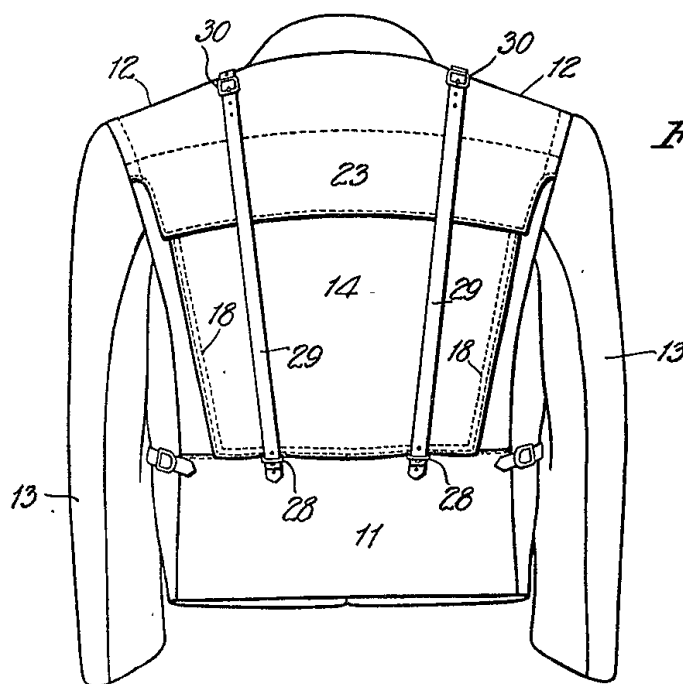
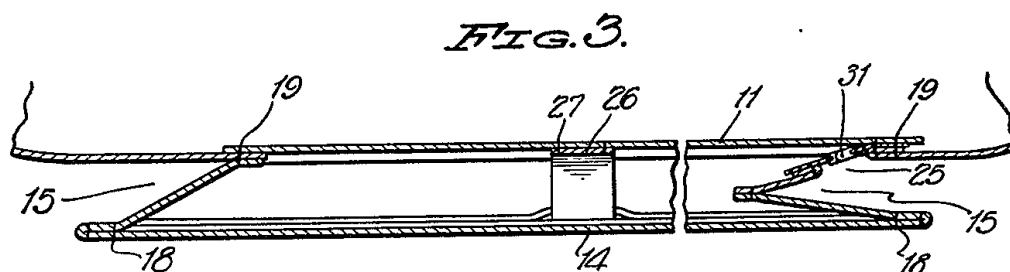
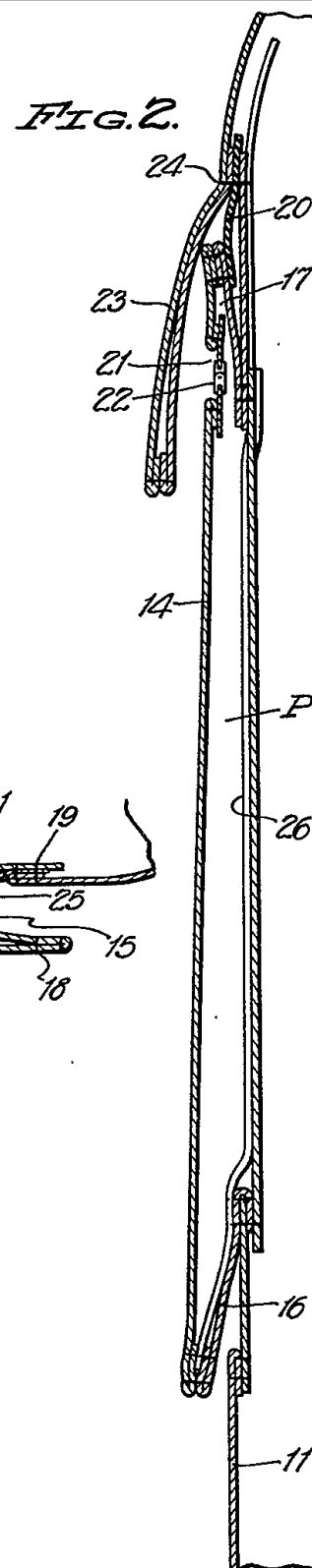
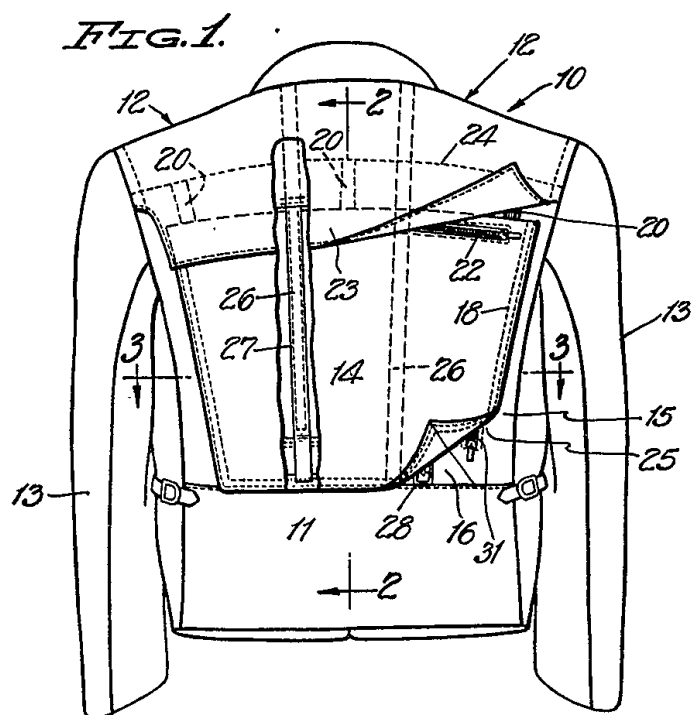
2011-04-12

Family 2/16 - FAMPAT - ©Questel

Title

(US2304574)

Knapsack **jacket****Images**



WITNESS:

ISAAC KIRSCHENBAUM.
 INVENTOR.

BY

ATTORNEYS.

Publication data including kind & date

US2304574

A 1942-12-08 US2304574

Inventors

ISAAC KIRSCHENBAUM

Publication dates



1942-12-08

Family 3/16 - FAMPAT - ©Questel

Title

(WO201044072)

Harness-like vest system with a compartment at the rear

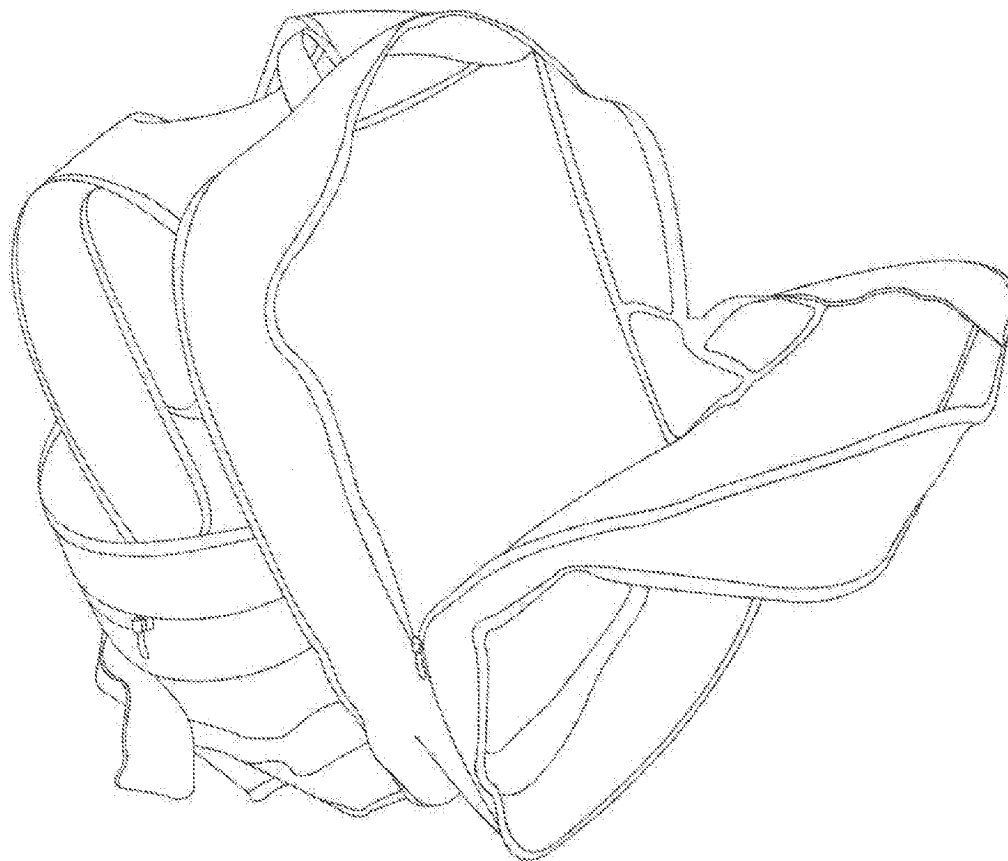
Images

FIGURA 4

Publication data including kind & date

WO2010044072	A2	2010-04-22	WO201044072
AR073879	A4	2010-12-09	AR--73879
WO2010044072	A3	2013-01-03	WO201044072

**Abstract**

(WO201044072)

The present invention relates to a novel system which consists of a harness-like vest formed integrally with an expandable compartment arranged at the rear thereof. In this way the system according to the present invention allows the user to fill it

gradually with any kind of loose articles, such as documents, clothing, objects, etc. The system according to the present invention also includes small accessory compartments which are arranged in the straps of the vest for containing other small articles, such as keys, mobile phones, binoculars, etc. The system according to the present invention is versatile, simple, low-cost, convenient for the user, easy to wear, practical and safe compared to conventional systems of this type. Moreover, in preferred embodiments, the system according to the present invention comprises reflective safety bands which comply with the road safety regulations, when used by **motorcyclists** or cyclists.

Inventors

TOBON GAVIRIA ROSAURA

Latest standardized assignees - inventors removed

TOBON GAVIRIA ROSAURA

Publication dates

2010-04-22

2010-12-09

2013-01-03

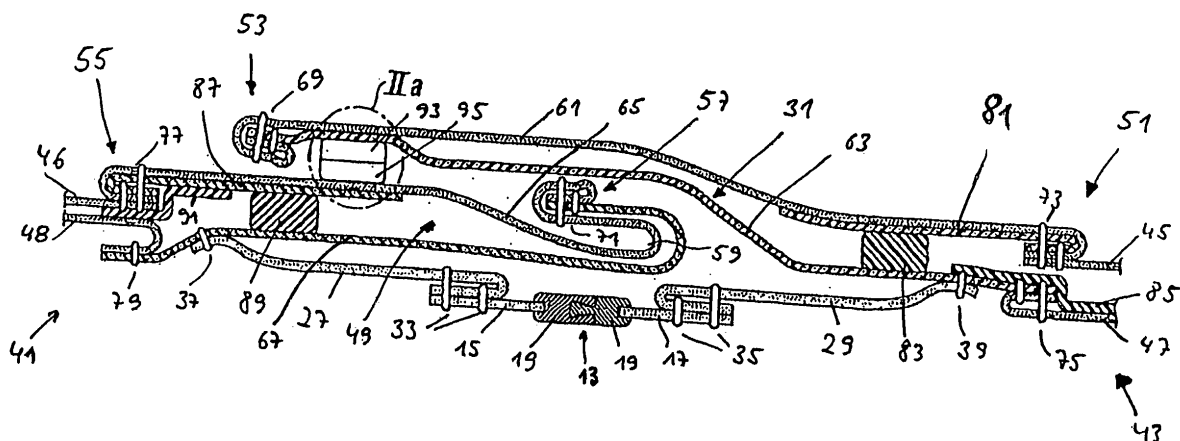
Family 4/16 - FAMPAT - ©Questel

Title

(EP1530432)

Ventilation device for an item of clothing

Images



Publication data including kind & date

WO2004017775	A1	2004-03-04	WO200417775
AU2003266979	A1	2004-03-11	AU2003266979
DE10237825	A1	2004-03-11	DE10237825
EP1530432	A1	2005-05-18	EP1530432
KR20050058378	A	2005-06-16	KR20050058378
JP2005535796	A	2005-11-24	JP2005535796
US20060059601	A1	2006-03-23	US20060059601
EP1530432	B1	2009-10-21	EP1530432
AT446027	T	2009-11-15	ATE446027
DE50312056	D1	2009-12-03	DE50312056
JP2010275682	A	2010-12-09	JP2010275682
JP4643261	B2	2011-03-02	JP4643261



Abstract

(EP1530432)

The invention relates to an item of clothing with a main closure device (13) and an additional closure device (31), whereby the main closure device (13) is embodied for the detachable connection of opposing edges (10, 12) of two pieces of the item of clothing made from material for the item of clothing and comprises two main closure sides which may be detachably

connected together each of which is connected to one of the both edges (10, 12) of the item of clothing. At least one of the both main closure sides is connected to the corresponding edge of the item of clothing (10, 12) by means of a ventilation material (27, 29) forming a ventilation device, by means of which the interior of the item of clothing is accessible for ventilation air even with a closed main closure device (13). The additional closure device is embodied as a cover strip (31), which may be displaced relative to the main closure device (13), between a closed position, in which the above covers at least a part of the ventilation material (27, 29) and an open position in which the above exposes at least a part of the ventilation material (27, 29).

Inventors

OPITZ OLIVER

AUMANN JOHANN

SPINDLER ULRICH

Latest standardized assignees - inventors removed

W L GORE & ASSOCIATES

Publication dates

2004-03-04

2004-03-11

2004-03-11

2005-05-18

2005-06-16

2005-11-24

2006-03-23

2009-10-21

2009-11-15

2009-12-03

2010-12-09

2011-03-02

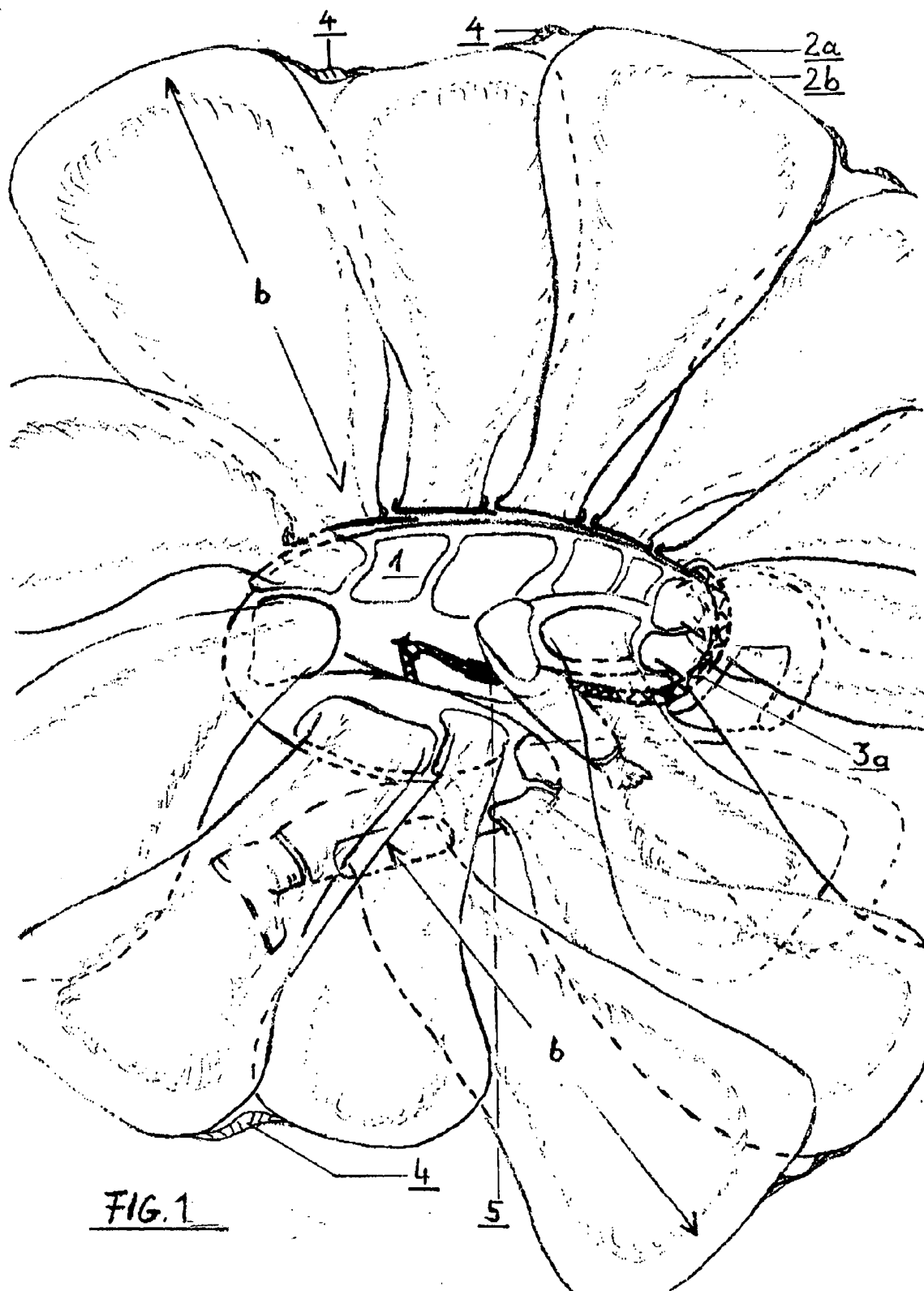
Family 5/16 - FAMPAT - ©Questel

Title

(EP3132700)

Protective clothing

Images



Publication data including kind & date

EP2807937	A1	2014-12-03	EP2807937
DE102013009379	A1	2014-12-18	DE102013009379
EP2807937	B1	2016-04-13	EP2807937
EP3132700	A1	2017-02-22	EP3132700



Abstract

(EP3132700)

Protective clothing, as a **jacket** or vest or a combination of the **jacket** or vest with a pair of trousers is configured, when in the protective clothing airbags to the breast, the waist, the middle back and the shoulders, an airbag to the briefs seat is formed.

Inventors

MÜLLER-ADAM WOLFGANG

Publication dates

2014-12-03

2014-12-18

2016-04-13

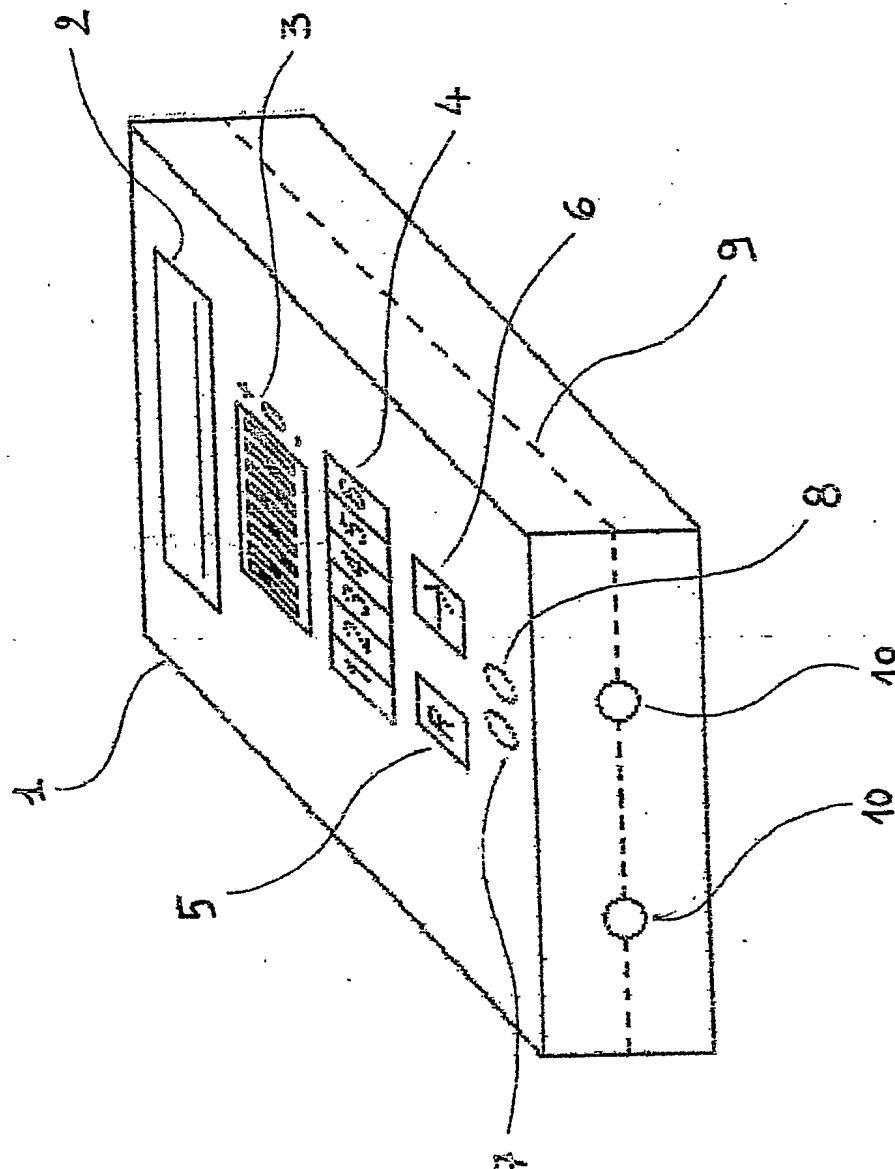
2017-02-22

Family 6/16 - FAMPAT - ©Questel

Title

(EP1590230)

Integrated method and system for the safety control of scooters and motorbikes

Images**FIG. 1****Publication data including kind & date**

WO2004067365	A1	2004-08-12	WO200467365
EP1590230	A1	2005-11-02	EP1590230
EP1590230	B1	2006-11-08	EP1590230
AT344756	T	2006-11-15	ATE344756
DE602004003128	D1	2006-12-21	DE602004003128



Abstract

(EP1590230)

The invention relates to an integrated system and method for the safety control of two-wheel motorvehicles, such as motorbicycles and/or motorcycles, capable of preventing motion in case of irregularities on part of the driver, and/or of penalising any inappropriate driver behaviour, and/or of guaranteeing greater safety during circulation. The invention proposes to obtain these results instantly - or in a deferred way, with no possibility of deceit and/or falsification of the results on the part of the driver, especially in case of: 1) protection helmet not used or misused; 2) inappropriate and/or dangerous behaviour while 15 driving the vehicle; 3) transporting a passenger when not permitted; 4) driving at an excessively high speed; 5) uninterrupted driving for an excessive length of time; 6) night-time driving, past a preset time limit; 7) driving in a state of drunkenness; 8) driving without a protective airbag **jacket**.

Inventors

BIANCHELLI SAURO

Publication dates

2004-08-12

2005-11-02

2006-11-08

2006-11-15

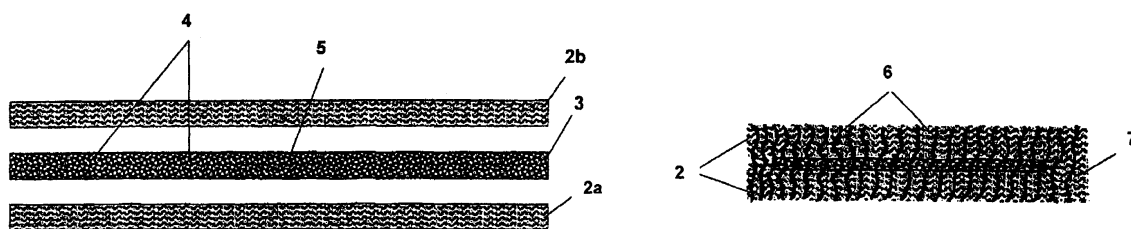
2006-12-21

Family 7/16 - FAMPAT - ©Questel

Title

(EP2199447)

Superabsorbent polymer felt and method for its manufacture

Images**Publication data including kind & date**

EP2199447	A1	2010-06-23	EP2199447
WO2010069592	A1	2010-06-24	WO201069592
DE102008063229	A1	2010-07-01	DE102008063229
BRPI0922424	A2	2011-12-06	BR200922424
IN2546/KOLNP/2011	A	2011-12-09	IN2011KN02546
CN102282302	A	2011-12-14	CN102282302
US20120036733	A1	2012-02-16	US20120036733
EP2199447	B1	2012-08-01	EP2199447
PT2199447	E	2012-11-02	PT2199447
ES2391602	T3	2012-11-28	ES2391602
EP2199447	B8	2013-01-16	EP2199447
RU2011129802	A	2013-01-27	RU2011129802
CN102282302	B	2014-06-04	CN102282302B
US8844158	B2	2014-09-30	US8844158
RU2543602	C2	2015-03-10	RU2543602
RU2543602	C9	2015-07-20	RU2543602
BRPI0922424	A1	2018-08-28	BRPI0922424



Abstract

(EP2199447)

The felt material with barrier function, comprises a first felt layer (2a), a second felt layer (2b) and a fluid absorbing layer in partial area, where the fluid absorbing layer is an absorber-containing layer. The first felt layer, the absorber-containing layer and/or the second felt layer are needled to each other. The absorber (4) is limited in its three-dimensional extension through the felt layer and/or barrier element. The felt material is partially air-permeable in dry, opened condition and occludes itself in contact with fluid, water or steam through the **expansion** of the absorber. The felt material with barrier function, comprises a first felt layer (2a), a second felt layer (2b) and a fluid absorbing layer in partial area, where the fluid absorbing layer is an absorber-containing layer. The first felt layer, the absorber-containing layer and/or the second felt layer are needled to each other. The absorber (4) is limited in its three-dimensional extension through the felt layer and/or barrier element. The felt material is partially air-permeable in dry, opened condition and occludes itself in contact with fluid, water or steam through the **expansion** of the absorber. The fluid transport is limited or stopped through the felt material through the absorber. The absorber layer is fleece with absorber polymer, an absorber polymer, an absorber, an absorber with carrier material (5), absorber granulates or absorber fiber. The absorber is a super absorber polymer or a swellable polymer. The felt material consists of three layers in part areas, where the first layer is felt layer with a layer arranged on the felt layer in the part area. The second felt layer is arranged on the first felt layer and the third layer is partially felted or needled to each other. The absorber is partially limited in its three-dimensional extension partially through the connection of fibers between the felt layers. The felt layer consists of synthetic, semi-synthetic, animal, mineral, metallic, plant, biodegradable fibers, hybrid fibers and/or rubber fibers. The felt layer consists of function fibers or is mixed with function materials or consists of phase change materials. The first and second felt layer consist of same or different materials. The felt layer and the absorber-containing layer and/or the second felt layer are needled to each other so that the felt material is air-permeable in dried condition and is air-permeable and water-permeable in wet condition. The absorber-containing layer is partially formed from water soluble or solvent-soluble fiber or is provided with water-solvent-soluble substances that are combined with the absorber polymer or enclose the absorber polymer. A cover layer is arranged on the first and/or the second felt layer or the first and/or the second felt layer has a surface treatment. The cover layer has perforations or openings, breakthroughs, surface structures, tunnel structures, dents, predetermined bending point or breaking locations and/or separation position. The felt material is provided with aroma materials, dye and/or active agent. The felt material additionally consists of plastic- or formed felt parts that are felted with the felt layer, and/or barrier element in the direction of the composite fiber. The felt material has different characteristics. Independent claims are included for: (1) a method for the production of a felt material; and (2) a component made of felt material.

Inventors

DEHN MICHAEL C

Latest standardized assignees - inventors removed

IQTEX PATENTVERWALTUNG UG

Publication dates

2010-06-23

2010-06-24

2010-07-01

2011-12-06

2011-12-09

2011-12-14

2012-02-16

2012-08-01

2012-11-02

2012-11-28

2013-01-16

2013-01-27

2014-06-04

2014-09-30

2015-03-10

2015-07-20

2018-08-28

Family 8/16 - FAMPAT - ©Questel

Title

(EP1684873)

Piece of clothing provided with a sealing arrangement and method for the production thereof

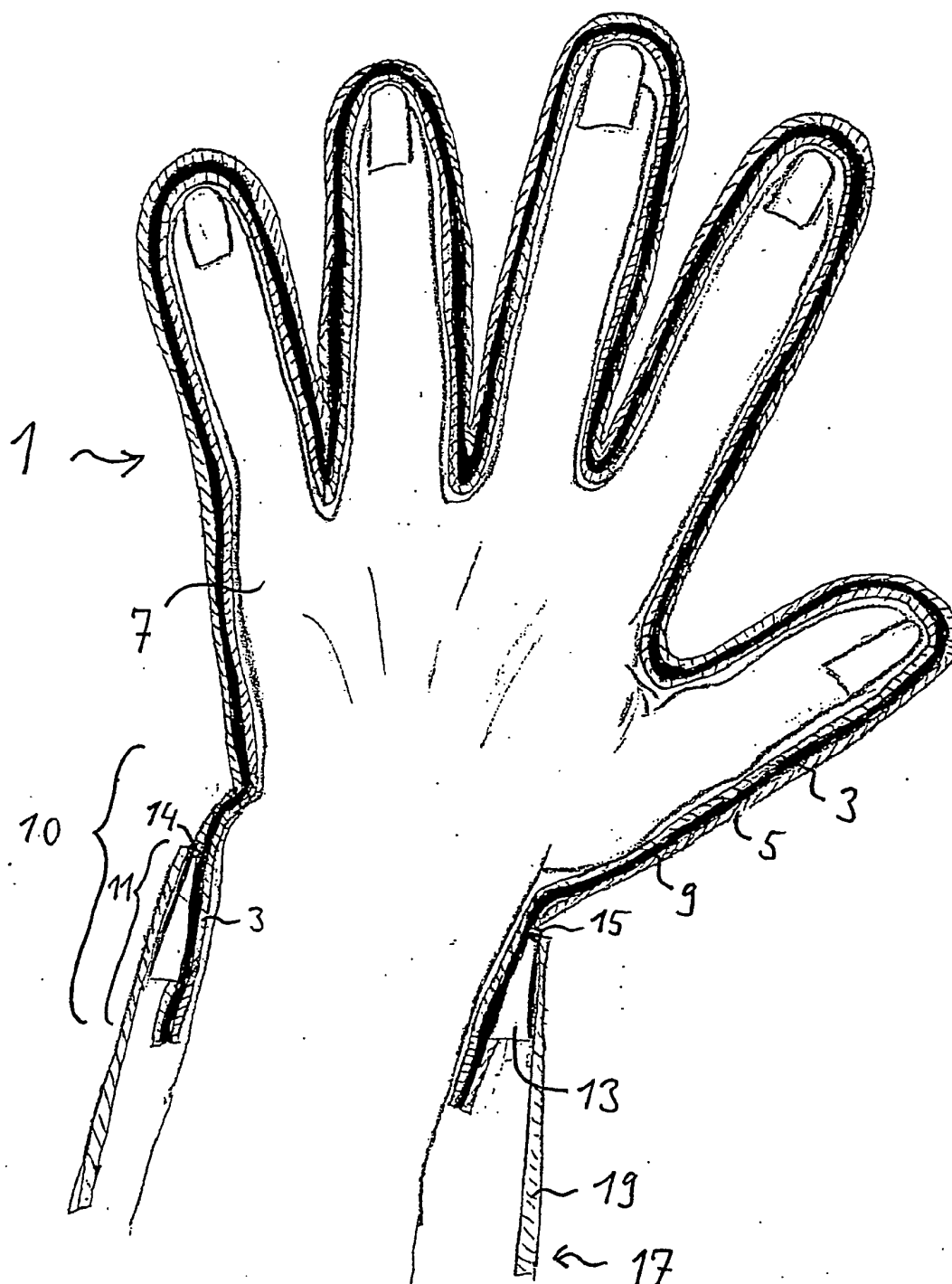
Images

Fig. 1

Publication data including kind & date

WO2005039700	A1	2005-05-06	WO200539700
DE10349616	A1	2005-06-09	DE10349616
EP1684873	A1	2006-08-02	EP1684873
EP1684873	B1	2008-01-23	EP1684873
AT384556	T	2008-02-15	ATE384556
DE502004006073	D1	2008-03-13	DE502004006073
ES2300835	T3	2008-06-16	ES2300835

**Abstract**

(EP1684873)

The invention relates to a piece of clothing that comprises a liquid-proof functional layer (9) provided with an external liquid-permeable material (5) applied to one side thereof and with an internal liquid-permeable material (3) applied to the other side thereof, wherein the first piece of clothing comprises a sealing arrangement which is disposed in an overlapping area (11) and ensures a liquid-impermeability with respect to a second piece of clothing overlapping said first piece of clothing. In the annular part of the overlapping area (11) of the axially extending first piece of clothing, the liquid-proof functional layer (9) is devoid of the internal material (3) or the external material (5) on one of the sides thereof and is provided with an annular sealing joint (13) of the sealing arrangement (13; 13, 31; 13, 31'). Said sealing joint (13) is made of a liquid-proof material and glued in a liquid-impermeable manner to the functional layer (9) on the first radial circumference and is provided at least with one free sealing surface on the second radial circumference, said sealing surface being radially remote from the functional layer (9) that is tightly applied to the second piece of clothing which is formed by a self-enclosed peripheral area and devoid of the internal material (3) layer of the external material (5) layer.

Inventors

AUMANN JOHANN

Latest standardized assignees - inventors removed

W L GORE & ASSOCIATES

Publication dates

2005-05-06

2005-06-09

2006-08-02

2008-01-23

2008-02-15

2008-03-13

2008-06-16

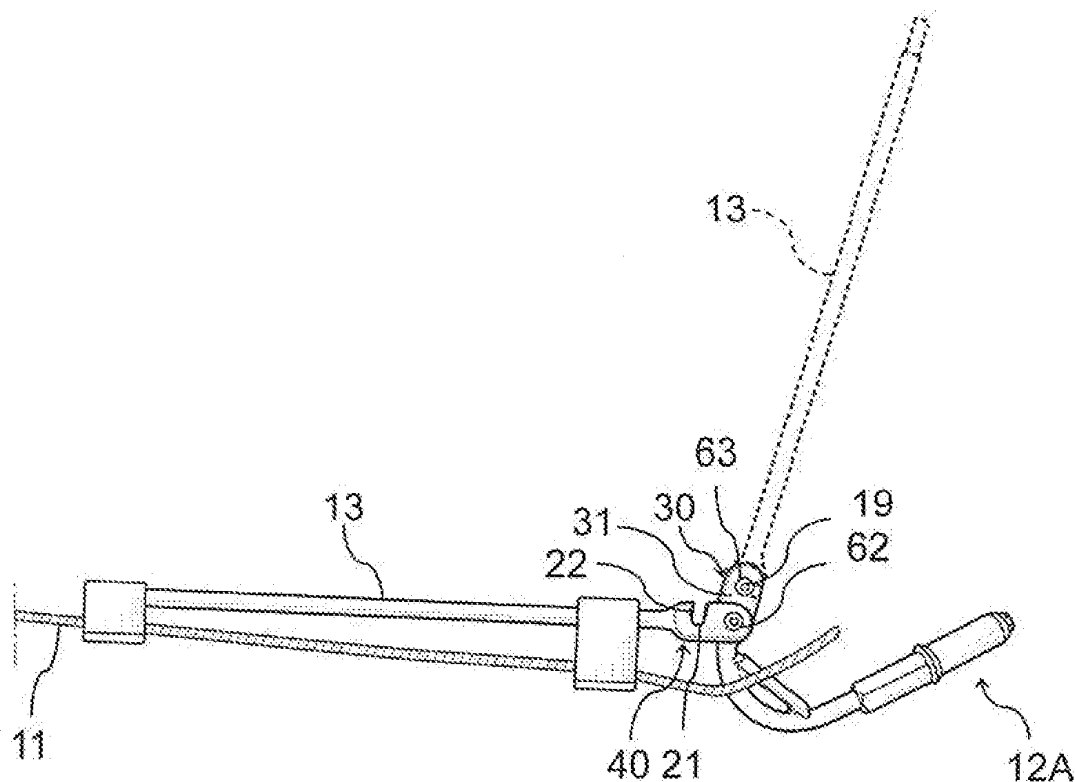
Family 9/16 - FAMPAT - ©Questel

Title

(EP3169578)

Windscreen safety assembly

Images



Publication data including kind & date

WO2016009349	A1	2016-01-21	WO201609349
VN51972	A	2017-04-25	VN--51972
CN106660601	A	2017-05-10	CN106660601
EP3169578	A1	2017-05-24	EP3169578
IN201717002306	A	2017-06-02	IN201717002306
US20170203805	A1	2017-07-20	US20170203805
JP2017520465	A	2017-07-27	JP2017520465



Abstract

(EP3169578)

A windscreen safety assembly comprising a windscreen panel (11), a support arm comprising a first part (12A) of arm for being attached to a vehicle, and a second part (13) of arm attached to the windscreen panel (11), at least one coupling element to rotatably couple the first and second part of arms (12A, 13) so that the second part of arm (13) is suitable to rotate around a rotation axis from a first angular position to a second angular position in a first direction and vice versa in a second direction, at least one blocking element to block the second part of arm (13) in the first angular position in a releasable manner, stop elements positioned between the first and second part of arms (12A, 13) to prevent the second part (13) of arm from rotating in the second direction starting from the first angular position.

Inventors

MAFFE' FRANCESCO

Latest standardized assignees - inventors removed

PIAGGIO & C

Publication dates

2016-01-21

2017-04-25

2017-05-10

2017-05-24

2017-06-02

2017-07-20

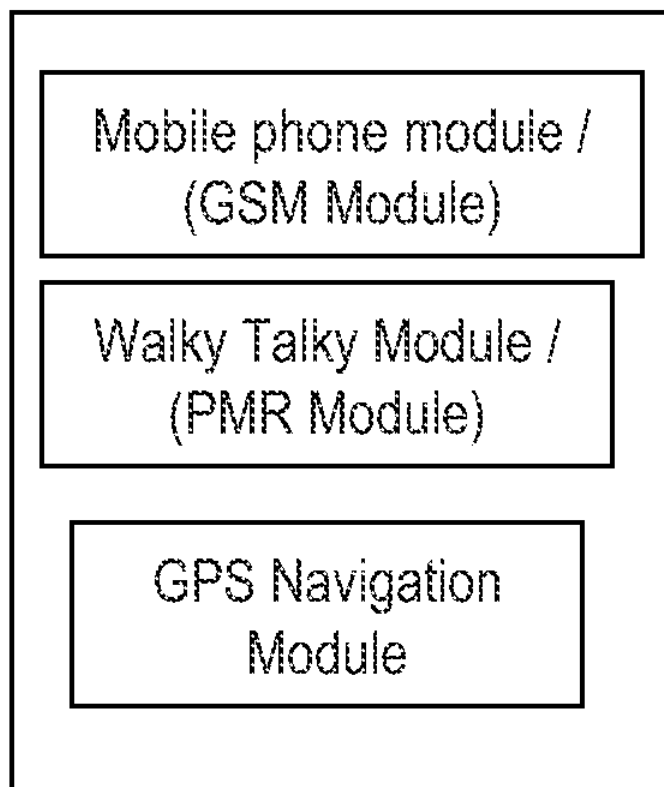
2017-07-27

Family 10/16 - FAMPAT - ©Questel

Title

(EP2671406)

Systems and methods for audio roaming for mobile devices, group information server among mobile devices, and defining group of users with mobile devices

Images

Multifunction mobile device 100

Fig. 1A

Publication data including kind & date

[WO2012104725](#) A2 2012-08-09 WO2012104725

[WO2012104725](#) A3 2012-11-01 WO2012104725



[EP2671406](#)

A2 2013-12-11 EP2671406

[CN103688572](#)

A 2014-03-26 CN103688572

**Abstract**

(EP2671406)

The present solution is directed to a system for seamlessly communicating among a plurality of mobile devices comprising a private mobile radio module. The system includes a plurality of mobile devices establishing a group. Each of the plurality of mobile devices comprises a cellular communications module and a private mobile radio module to communicate with other mobile devices in the group using private radio communications. A mobile device of the group in audio communications with one or more mobile devices of the group using private radio communications via the private mobile radio module. A roaming manager of each of the plurality of mobile devices determines that the mobile device is no longer in communication via the private mobile radio module and responsive to the roaming manager, the private mobile radio module is deactivated and the cellular communications module is activated. Each of the plurality of mobile devices of the group establishes a connection with the server using their cellular communications module, the server providing audio communications for the group.

Inventors

MIRBAHA RAMIN

MIRBAHA VAHID

Latest standardized assignees - inventors removed

TAKWAK

Publication dates

2012-08-09

2012-11-01

2013-12-11

2014-03-26

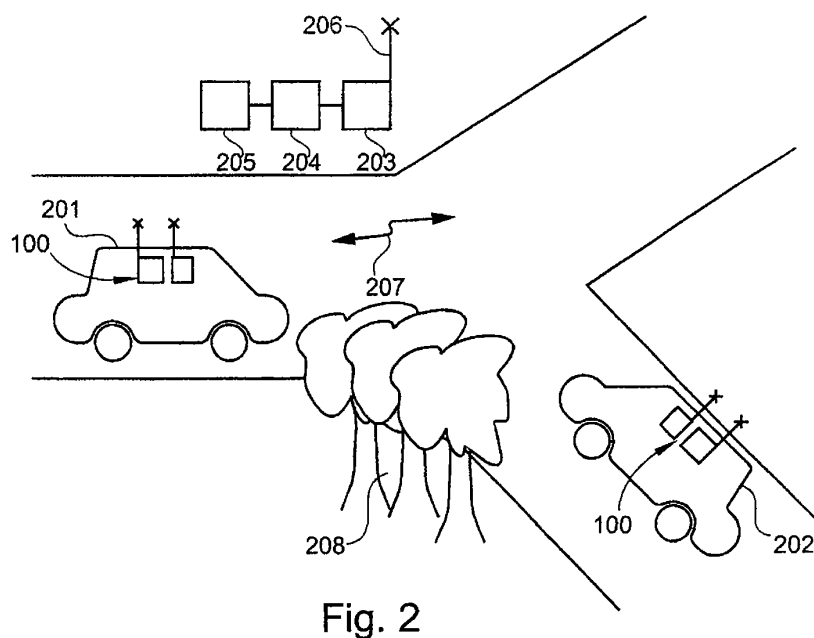
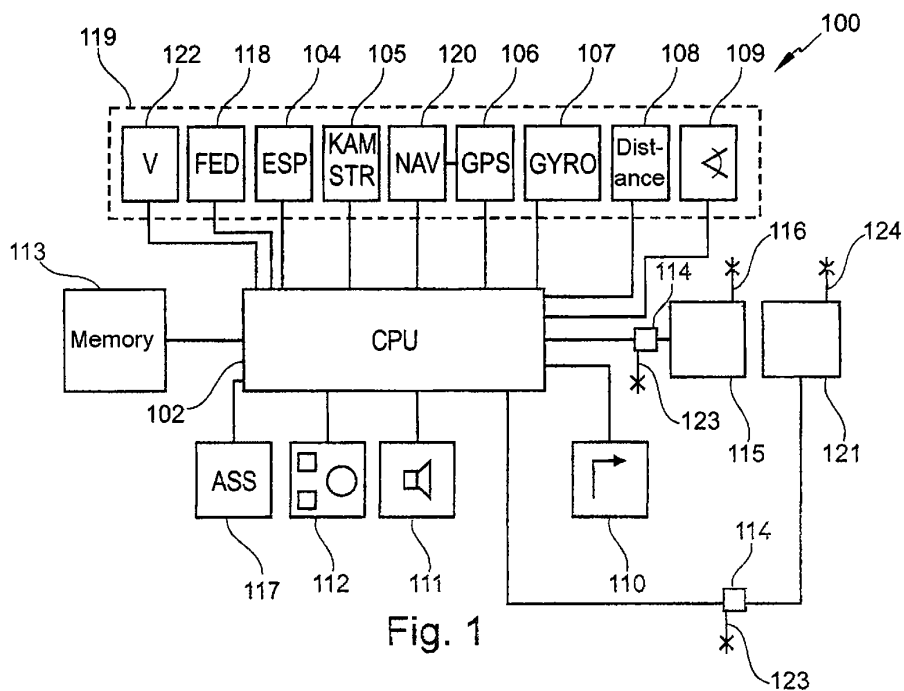
Family 11/16 - FAMPAT - ©Questel

Title

(EP2229668)

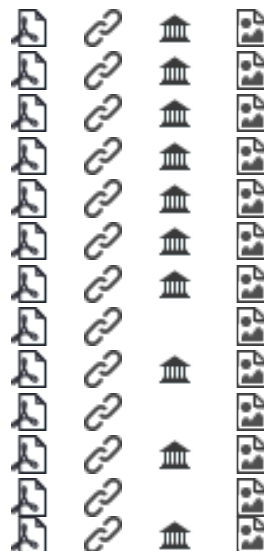
Transmission of vehicle-relevant data of a vehicle via mobile communication

Images



Publication data including kind & date

WO2009074655	A1	2009-06-18	WO200974655
DE102008009330	A1	2009-06-18	DE102008009330
DE102008061304	A1	2009-07-09	DE102008061304
EP2229668	A1	2010-09-22	EP2229668
CN101896953	A	2010-11-24	CN101896953
IN3457/CHENP/2010	A	2010-11-26	IN2010CN03457
US20110098877	A1	2011-04-28	US20110098877
RU2010127457	A	2012-01-20	RU2010127457
US8280583	B2	2012-10-02	US8280583
RU2511526	C2	2014-04-10	RU2511526
CN101896953	B	2014-07-02	CN101896953B
RU2511526	C9	2014-08-10	RU2511526



[EP2229668](#)

B1 2015-09-23 EP2229668

Abstract

(EP2229668)

According to one embodiment of the invention, an ignition key function technology is additionally used for WLAN-based communication in a vehicle in order to communicate with other vehicles. Only selected data that has significantly changed is transmitted by means of the ignition key function technology. The remaining data is not transmitted or is saved for WLAN communication.

Inventors

STÄHLIN ULRICH

MENZEL MARC

SCHÄFER MAIK

BAIER ROBERT

MOELLER ULRICH

GEE ROBERT

ERDEM BETTINA

WILLNECKER THOMAS

BAUER OLEG

AUNKOFER MAIK

Latest standardized assignees - inventors removed

CONTINENTAL TEVES

Publication dates

2009-06-18

2009-06-18

2009-07-09

2010-09-22

2010-11-24

2010-11-26

2011-04-28

2012-01-20

2012-10-02

2014-04-10

2014-07-02

2014-08-10

2015-09-23

Family 12/16 - FAMPAT - ©Questel

Title

(EP2350362)

Thermoregulating, cut-resistant yarn and fabric

Images**Publication data including kind & date**[WO2010060943](#) A1 2010-06-03 WO2010060943[EP2350362](#) A1 2011-08-03 EP2350362[KR20110091554](#) A 2011-08-11 KR20110091554[CN102227524](#) A 2011-10-26 CN102227524[US20110300366](#) A1 2011-12-08 US20110300366

[JP2012509999](#)

A 2012-04-26 JP2012509999

[JP5701767](#)

B2 2015-04-15 JP5701767

**Abstract**

(EP2350362)

The present invention relates to a yarn providing a fabric manufactured thereof with good resistance against cutting as well as thermoregulation properties, said yarn comprising cut-resistant fibers and moisture-wicking fibers wherein said cut-resistant fibers and said moisture-wicking fibers are staple fibers. The invention also relates to a fabric containing thereof and to clothing comprising said fabric.

Inventors

HENSSSEN GIOVANNI JOSEPH IDA

Latest standardized assignees - inventors removed

DSM IP ASSETS

Publication dates

2010-06-03

2011-08-03

2011-08-11

2011-10-26

2011-12-08

2012-04-26

2015-04-15

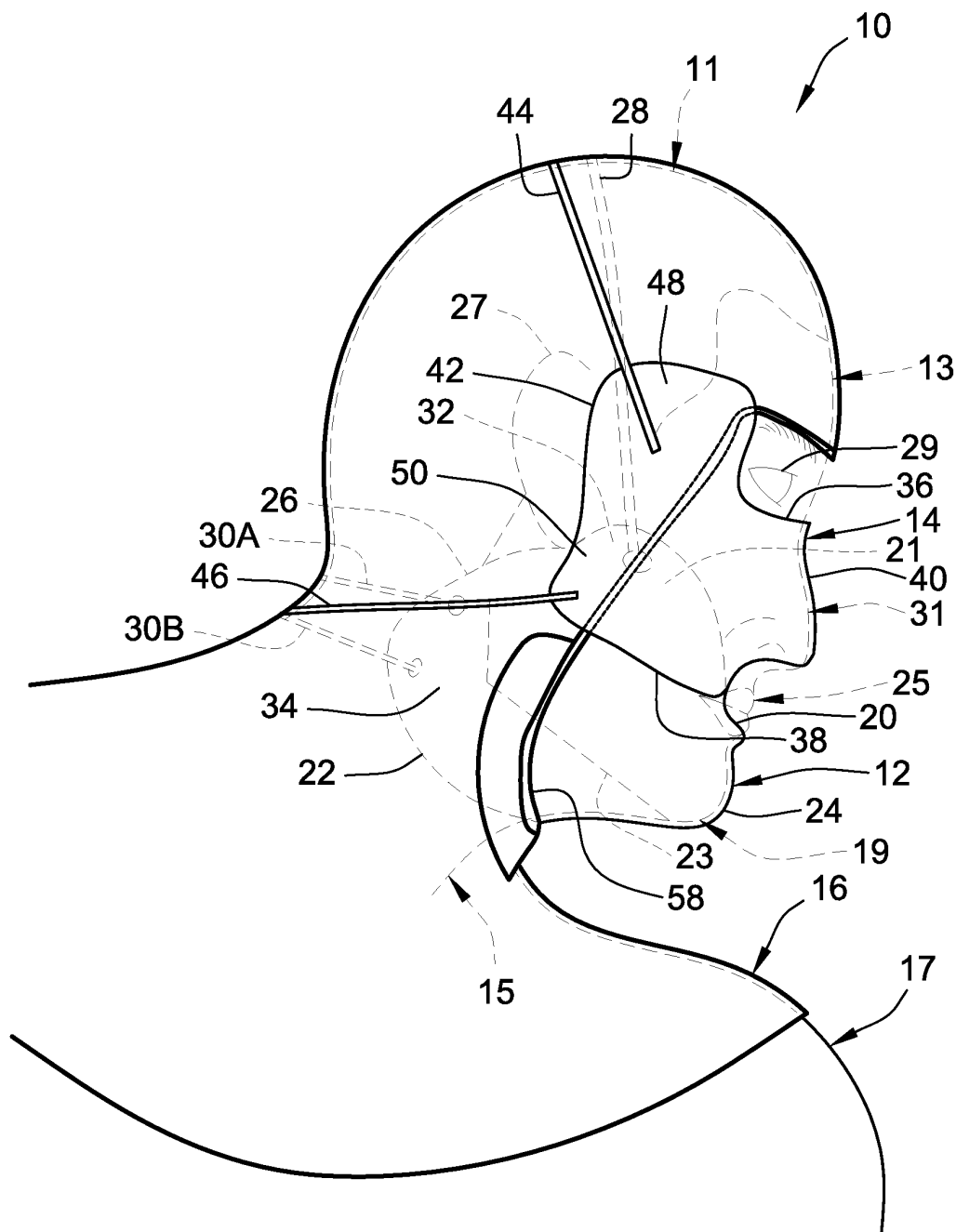
Family 13/16 - FAMPAT - ©Questel

Title

(US20130291272)

Face cover

Images



Publication data including kind & date

[CA2814891](#)

A1 2013-11-01

CA2814891

[US20130291272](#)

A1 2013-11-07

US20130291272



Abstract

(US20130291272)

Face covers, protective outwear systems, and methods for manufacturing the same are disclosed. A cover is disclosed for protecting the human face, head, neck, and/or shoulders against environmental conditions. The cover, which does not cover the eyes, nostrils or mouth, includes 2-4 separate pieces which can be worn together or individually. A first piece covers the face from above the mouth to below the eyes, including the nose and cheeks. A second piece covers the face from below the mouth to the bottom of the neck. These pieces can overlap on the cheeks to minimize/prevent air and moisture from reaching the face. A third piece covers the head and/or neck and/or shoulders. These pieces can be joined together by any known means. Any piece can be made with a moldable material and/or elastic components which allow the mask to fit different faces and/or help ventilate exhalations away from the face.

Inventors

BOURQUE KEVIN C

Latest standardized assignees - inventors removed

OUTERU GEAR

Publication dates

2013-11-01

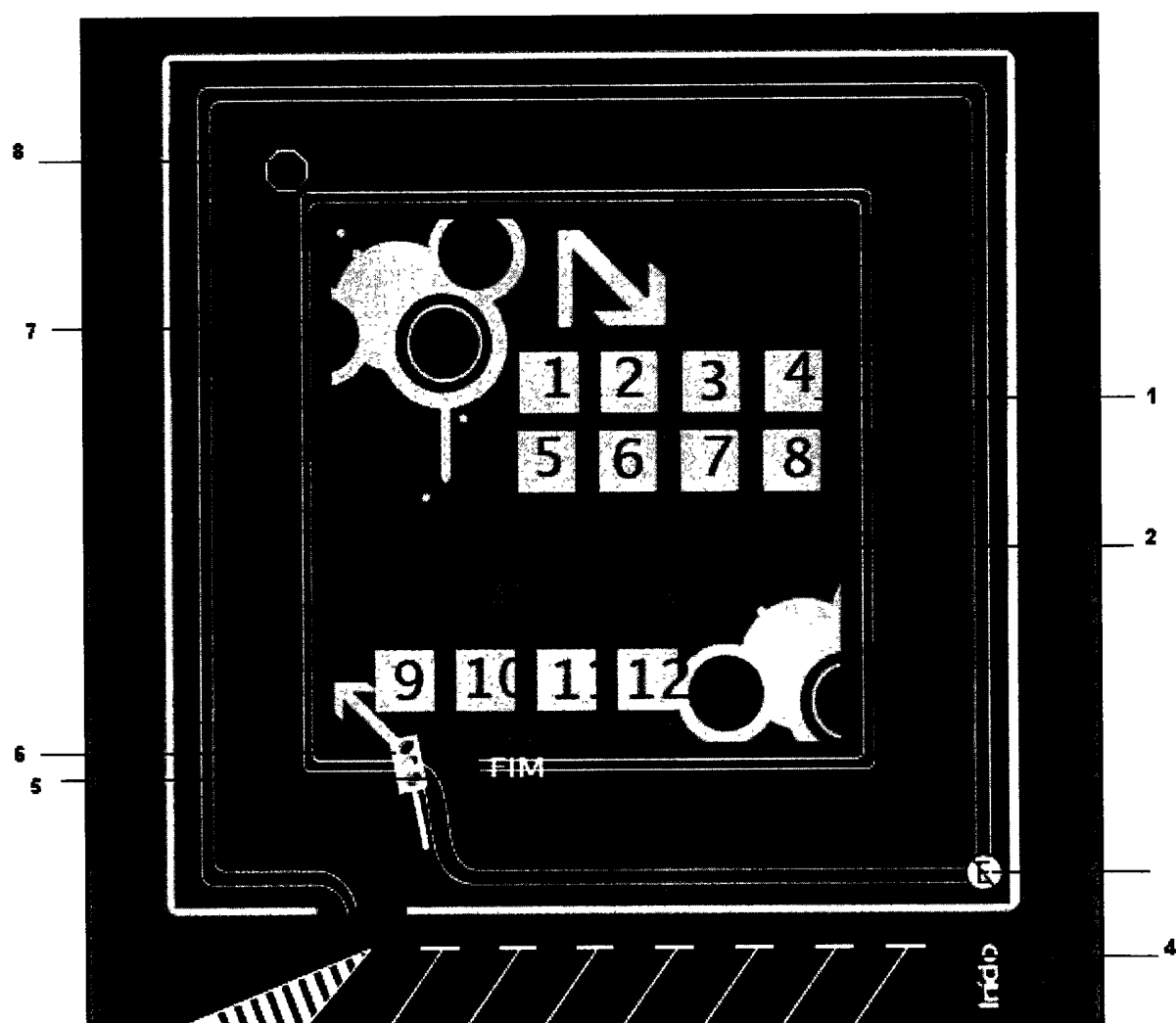
2013-11-07

Family 14/16 - FAMPAT - ©Questel

Title

(BR201002065)

Didactic Game of transit

Images**FIGURA 1****Publication data including kind & date**[BRPI1002065](#)

A2 2012-03-06

BR201002065

**Abstract**

(BR201002065)

DIDACTIC GAME OF TRANSIT. The present invention describes an educational game of transit, composition for a tray, seventy and seven letters with rules/situations and twelve tips in each letter, files of [EVA] and plastic stands. The present game was developed on the basis of research accomplished in the Code of Brazilian Transit and aims at to teach and to facilitate to the understanding of transit rules and its occurrences for pedestrians, drivers and excessively agents of the

Brazilian system of transit, with equal age group or better than twelve years, providing playful learning of the situations and rules of transit, of didactic and innovative form, the referred to game can be used not only at moments of leisure, but in institutions of basic education, technician or superior, and also in the centers of training of drivers, since it was developed for didactic ends, even so its application is not restricted to this end.

Inventors

RIBEIRO RENATO GUIMARAES

SILVA LUIZA MACIEL DA COSTA

Latest standardized assignees - inventors removed

CENTER FEDERAL DE EDUCACAO TECNOLOGICA DE MINAS GERAIS CEFET

Publication dates

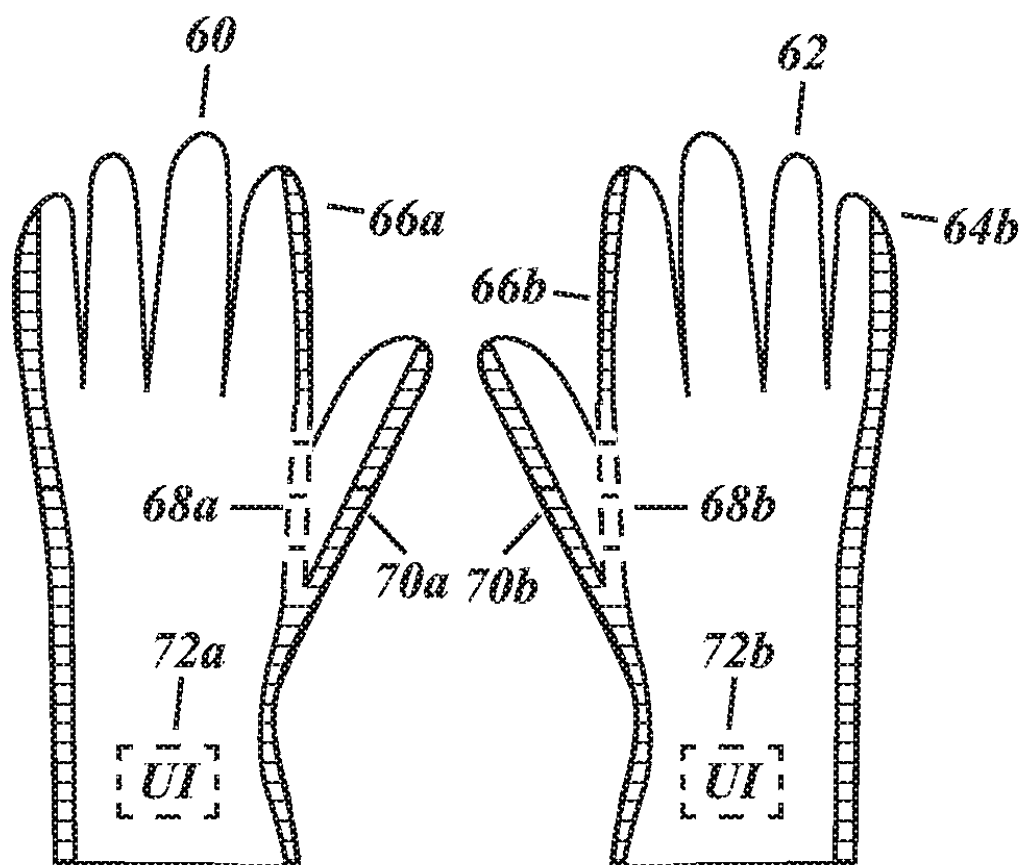
2012-03-06

Family 15/16 - FAMPAT - ©Questel

Title

(US9657935)

Wearable devices with integrated light sources

Images**Publication data including kind & date**

US20150016093	A1	2015-01-15	US20150016093
US9657935	B2	2017-05-23	US9657935
US20170261197	A1	2017-09-14	US20170261197
US10012378	B2	2018-07-03	US10012378

**Abstract**

(US9657935)

In another implementation, a signaling apparatus includes a glove that is configured to be worn on a hand of a user; a first

light source that extends along and is affixed to at least a portion of a lateral side of the glove, the lateral side of the glove corresponding to a lateral side of the user's hand that includes, at least, the user's fifth digit, fifth metacarpal, and ulna bone; and a second light source that extends along and is affixed to at least a portion of a medial side of the glove, the medial side of the glove corresponding to a medial side of the user's hand that includes, at least, the user's radial bone and one or more of: (i) the user's first metacarpal and first digit, and (ii) the user's second metacarpal and second digit.

Inventors

WILSON BENJAMIN M

Publication dates

2015-01-15

2017-05-23

2017-09-14

2018-07-03

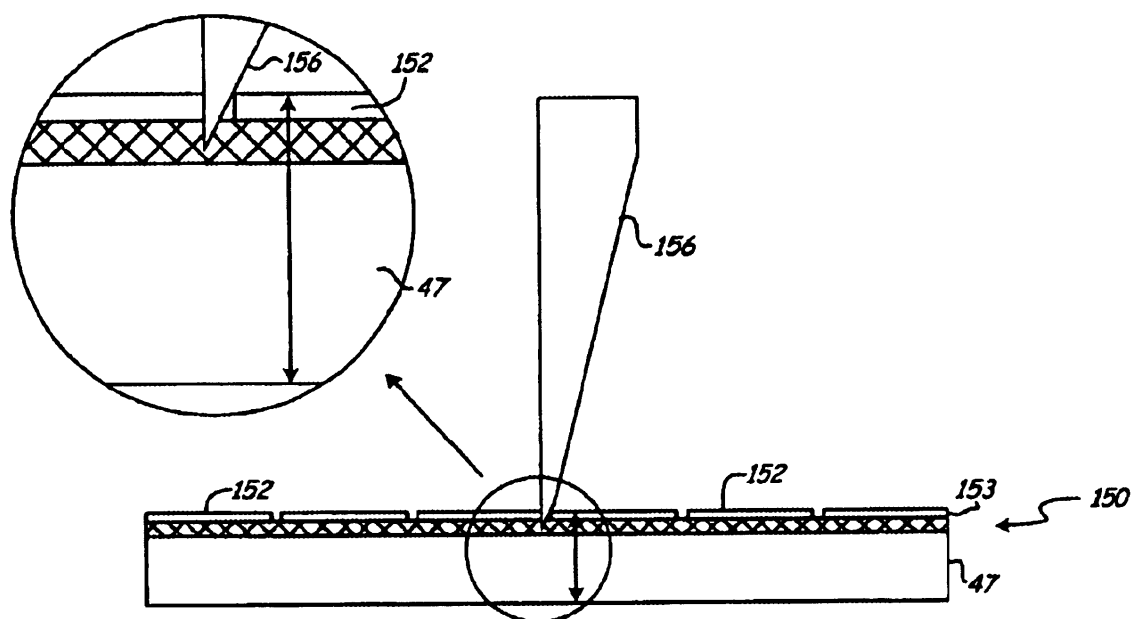
Family 16/16 - FAMPAT - ©Questel

Title

(EP1299684)

Supple penetration resistant fabric and method of making

Images



Publication data including kind & date

WO200210667	A2	2002-02-07	WO200210667
CA2384335	A1	2002-02-07	CA2384335
AU7587601	A	2002-02-13	AU200175876
KR20020057957	A	2002-07-12	KR20020057957
IL148552	A	2002-09-12	IL-148552
WO200210667	A3	2002-10-17	WO200210667
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BR0106945	A	2003-02-25	BR200106945
BRPI0106945	A1	2003-02-25	BRPI0106945
EP1299684	A2	2003-04-09	EP1299684
US20030124935	A1	2003-07-03	US20030124935
JP2004504966	A	2004-02-19	JP2004504966



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US20040192133	A1	2004-09-30	US20040192133				
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CN1275017	C	2006-09-13	CN1275017C				
AU785345	B2	2007-02-01	AU-785345				
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KR100818823	B1	2008-04-01	KR100818823				
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JP2013252710	A	2013-12-19	JP2013252710				
JP2017081166	A	2017-05-18	JP2017081166				

Abstract

(EP1299684)

A puncture, pierce, and cut resistant fabric comprised of a plurality of sheets (14, 18) of plates (12) arranged in a repeating pattern. A material interconnects the plates. The fabric (10) is twistable, bendable, and flexible. It is constructed of substances that will withstand cutting, puncture, and piercing forces encountered in medical or other environments.

Inventors

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Latest standardized assignees - inventors removed

HIGHER DIMENSION MATERIALS

Publication dates

2002-02-07

2002-02-07

2002-02-13

2002-07-12

2002-09-12

2002-10-17

2003-02-19

2003-02-25

2003-02-25

2003-04-09

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2004-09-30

2005-08-04

2005-11-08

2006-09-13

2007-02-01

2007-08-03

2007-10-31

2008-04-01

2009-06-04

2010-11-30

2013-12-19

2017-05-18