

Title (en)

Protective garment against chemical and/or biological substances

Title (de)

Bekleidungsstück zum Schutz gegen chemische und/oder biologische Substanzen

Title (fr)

Vêtement de protection contre les substances chimiques et/ou biologiques

Publication

**EP 1269877 A3 20040428 (DE)**

Application

**EP 02010388 A 20020508**

Priority

DE 20110132 U 20010619

Abstract (en)

[origin: US2002189006A1] A garment for protection against chemical and/or biological substances is provided with a shell and a lining, arranged under said shell, and with at least one zip fastener, which has two zip fastener halves which engage in one another during closing. Each zip fastener half is provided with at least two stringers, an outer stringer being joined to the shell and the other, inner stringer being joined to the lining. At least one of the two stringers is provided with a protective layer which is impermeable to chemical and/or biological substances. The shell and/or the lining is likewise impermeable to chemical and/or biological substances.

IPC 1-7

**A44B 19/32**

IPC 8 full level

**A44B 19/32** (2006.01); **A62D 5/00** (2006.01)

CPC (source: EP US)

**A44B 19/32** (2013.01 - EP US); **A62D 5/00** (2013.01 - EP US)

Citation (search report)

- [A] US 4485534 A 19841204 - PILIE ROLAND J [US], et al
- [A] US 4308644 A 19820105 - BROWN ALEXANDER M
- [A] US 4831664 A 19890523 - SUDA JAMES R [US]
- [A] EP 0199472 A2 19861029 - KAPPLER LTD [GB]
- [A] US 3827085 A 19740806 - ACKERMANN W

Cited by

DE102005046320B3; US7730555B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**DE 20110132 U1 20010816**; EP 1269877 A2 20030102; EP 1269877 A3 20040428; US 2002189006 A1 20021219; US 6691326 B2 20040217

DOCDB simple family (application)

**DE 20110132 U 20010619**; EP 02010388 A 20020508; US 14597702 A 20020514