

Title (en)

Combined hinge fastener, in particular for protective casing or packaging

Title (de)

Kombinierter Scharnier- Verschluss, insbesondere bei Schutzhüllen oder Verpackungen

Title (fr)

Fermeture à charnières combinée, notamment dans des enveloppes de protection ou des emballages

Publication

EP 2284475 A3 20140409 (DE)

Application

EP 10008055 A 20100802

Priority

DE 102009037351 A 20090814

Abstract (en)

[origin: EP2284475A2] The closures (20, 21) have fabric tapes (10, 11) e.g. fleece-, velour- and mushroom tapes, providing strap-like fabric tape regions (12, 13) between upper and lower end regions. A set of closure elements (14, 14', 15, 15') e.g. hook- and mushroom tape sections, is attached at an area that is incorporated on upper and lower end regions of side plates. Each fabric tape has another set of closure elements provided in a region adjacent to its fixing regions and forming a form-fit connection together with the former set of closure elements. An independent claim is also included for a protective cover or package comprising two shell-like parts.

IPC 8 full level

F42B 39/26 (2006.01); **B65D 43/16** (2006.01); **F42B 5/38** (2006.01); **F42B 39/22** (2006.01); **F42B 30/12** (2006.01)

CPC (source: EP)

F42B 5/38 (2013.01); **F42B 30/12** (2013.01); **F42B 39/22** (2013.01); **F42B 39/26** (2013.01)

Citation (search report)

- [AD] DE 102007050981 B3 20090102 - RHEINMETALL LANDSYSTEME GMBH [DE]
- [A] US 6837164 B1 20050104 - KHANNA VISHWA [US], et al
- [A] US 7059251 B1 20060613 - KHANNA VISHWA [US], et al
- [A] WO 2009092857 A1 20090730 - PATRIA WEAPON SYSTEMS OY [FI], et al
- [A] DE 202006000568 U1 20060309 - LIAW CHARLIE [TW]
- [A] DE 4311222 A1 19941006 - ROERICH HANS PROF [DE]

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2284475 A2 20110216; EP 2284475 A3 20140409; EP 2284475 B1 20151021; DE 102009037351 A1 20110217; ES 2556956 T3 20160121

DOCDB simple family (application)

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