

Title (en)
ANTI-PENETRATION ARTICLE

Title (de)
PENETRATIONSHEMMENDER ARTIKEL

Title (fr)
ARTICLE ANTI-PÉNÉTRATION

Publication
EP 2324320 A1 20110525 (DE)

Application
EP 09812698 A 20090902

Priority

- EP 2009061338 W 20090902
- EP 08164023 A 20080910
- EP 09812698 A 20090902

Abstract (en)
[origin: WO2010028993A1] The invention relates to a penetration resistant article, which comprises at least one package (6) of laminates (7) composed of least one layer, comprising fibers having a strength of at least 2000 MPA according to ASTM D-885. The laminates further comprise at least one polymer material, and the at least one package (6) is enclosed by a first separate protective cover and substantially completely by a second separate covering (1). The second separate covering is knitted or machine-knitted as one piece or multiple pieces.

IPC 8 full level
F41H 5/04 (2006.01)

CPC (source: EP US)
F41H 5/0485 (2013.01 - EP US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/1362** (2015.01 - EP US)

Citation (search report)
See references of WO 2010028993A1

Designated contracting state (EPC)
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)
AL BA RS

DOCDB simple family (publication)
WO 2010028993 A1 20100318; AR 073562 A1 20101117; BR PI0918458 A2 20160705; CA 2734967 A1 20100318; CN 102150005 A 20110810; CN 102150005 B 20140430; EP 2324320 A1 20110525; EP 2324320 B1 20150121; IL 211146 A0 20110428; JP 2012502249 A 20120126; JP 5466704 B2 20140409; KR 20110053239 A 20110519; MX 2011002572 A 20110407; RU 2011113753 A 20121020; RU 2502036 C2 20131220; TW 201015043 A 20100416; US 2011165354 A1 20110707; ZA 201101253 B 20111026

DOCDB simple family (application)
EP 2009061338 W 20090902; AR P090103457 A 20090909; BR PI0918458 A 20090902; CA 2734967 A 20090902; CN 200980135400 A 20090902; EP 09812698 A 20090902; IL 21114611 A 20110210; JP 2011525536 A 20090902; KR 20117005583 A 20090902; MX 2011002572 A 20090902; RU 2011113753 A 20090902; TW 98130201 A 20090908; US 200913063279 A 20090902; ZA 201101253 A 20110216