

Title (en)
Ballistic protective device

Title (de)
Kugelsichere Schutzvorrichtung

Title (fr)
Dispositif de protection balistique

Publication
EP 2063214 B1 20110608 (FR)

Application
EP 08169725 A 20081121

Priority
FR 0708220 A 20071123

Abstract (en)
[origin: EP2063214A1] The device has three synthetic fabric layers (31-33) forming reinforcements of a single piece obtained by transfer molding of phenolic resin, where the device is constituted by 30 percentages of the resin and 70 percentages of fabrics. The layer (32) includes a fabric with glass fibers crossed with carbon fibers. The fabric of the layer (33) includes a mesh that is fine than that of the layers (31, 32), where each layer includes a stack of fabric layers. The layer (33) includes thickness that is half of thickness of the layer (32).

IPC 8 full level
F41A 3/44 (2006.01); **F41A 3/54** (2006.01); **F41A 3/64** (2006.01); **F41A 5/02** (2006.01)

CPC (source: EP US)
F41H 5/0485 (2013.01 - EP US); **Y10T 428/24124** (2015.01 - EP US); **Y10T 442/2623** (2015.04 - EP US)

Cited by
CN104011274A

Designated contracting state (EPC)
DE DK GB IT NL NO

DOCDB simple family (publication)
EP 2063214 A1 20090527; **EP 2063214 B1 20110608**; FR 2924210 A1 20090529; FR 2924210 B1 20130705; US 2009155523 A1 20090618; US 7846854 B2 20101207

DOCDB simple family (application)
EP 08169725 A 20081121; FR 0708220 A 20071123; US 27578808 A 20081121