

Title (en)

Protective device against projectiles

Title (de)

Anordnung zum Schutz eines Objekts gegen anfliegende Projektile

Title (fr)

Dispositif de protection contre des projectiles

Publication

EP 2806245 B1 20171220 (DE)

Application

EP 14001632 A 20140508

Priority

DE 102013008941 A 20130525

Abstract (en)

[origin: CA2851799A1] Arrangement for protecting an object, especially a motor vehicle, against approaching projectiles, consisting of a plurality profile rods (4, 5) of prism-shaped cross-section, which are disposed in at least two rows (2, 3) lying one behind the other and at a distance from each other, in which the respective mutually parallel profile rods (4, 5) are disposed at a distance apart, wherein the profile rods (4) of the front row (2) cover the gaps between the profile rods (5) of the rear row (3).

IPC 8 full level

F41H 5/013 (2006.01); **F41H 5/02** (2006.01); **F41H 5/04** (2006.01); **F41H 7/04** (2006.01)

CPC (source: EP US)

F41H 5/013 (2013.01 - EP US); **F41H 5/02** (2013.01 - US); **F41H 5/023** (2013.01 - EP US); **F41H 5/04** (2013.01 - US); **F41H 7/04** (2013.01 - US)

Citation (opposition)

Opponent : Rheinmetall Waffe Munition GmbH

- EP 0041271 A1 19811209 - GORUM ALVIN EUGENE
- EP 0897097 A2 19990217 - KELLNER GERD [DE]
- FR 2747719 A1 19971024 - CONVERSY FRANCOIS [FR]
- US 2009031889 A1 20090205 - SAUL W VENNER [US], et al
- US 2011072960 A1 20110331 - HALLISSY GERALD [US], et al
- US 2011232472 A1 20110929 - KELLNER JR WILLIAM R [US], et al
- DE 19825260 B4 20070208 - GEKE TECHNOLOGIE GMBH [DE]
- DE 4237798 A1 19940511 - ELA BS GES FUER BESONDERE SICH [DE]
- DE 1578345 A1 19710415 - PORSCHE KG
- DE 3703716 A1 19880818 - HOESCH AG [DE]
- DE 19634227 C1 19980108 - KRUPP AG HOESCH KRUPP [DE]
- DE 4106566 A1 19980115 - CONVERSY FRANCOIS [FR]
- US 2392215 A 19460101 - ABRAMS VICTOR R, et al
- US 2492294 A 19491227 - KENNEDY WALTER W
- DE 1119724 B 19611214 - BOFORS AB
- US 2011113952 A1 20110519 - ROSENWASSER STUART N [US], et al
- US 2011212320 A1 20110901 - GREENHILL ZACHARY R [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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