

Title (en)
PROTECTION DEVICES FOR VEHICLES

Publication
EP 0489287 A3 19920812 (DE)

Application
EP 91119420 A 19911114

Priority
DE 4038751 A 19901205

Abstract (en)
[origin: EP0489287A2] To make it possible to afford effective partial protection against shooting with hand guns for persons in motor vehicles, it is proposed to design vehicle doors 1 with protective plates 4, extendable upwards or downwards or downwards and upwards and/or sideways by means of pneumatic, hydraulic, mechanical or other devices, to form a protective shield which can be separated from the body by means of a suitable device. Already existing motor vehicles and new vehicles can advantageously be converted for this purpose. <IMAGE>

IPC 1-7
F41H 7/04

IPC 8 full level
F41H 7/04 (2006.01)

CPC (source: EP)
F41H 5/226 (2013.01); **F41H 7/04** (2013.01); **E05Y 2900/504** (2013.01)

Citation (search report)
• [X] US 4331359 A 19820525 - SHELDON STEVE S
• [Y] US 3086810 A 19630423 - CHUEN YUEN YAT
• [Y] GB 191423016 A 19150610 - BELLAMORE DAVID HAVELOCK [US]
• [Y] US 4352316 A 19821005 - MEDLIN RICHARD C
• [X] FR 1374081 A 19641002 - GLOVER
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Cited by
EP0880004A3; EP0578085A1

Designated contracting state (EPC)
CH FR GB LI NL

DOCDB simple family (publication)
EP 0489287 A2 19920610; EP 0489287 A3 19920812; EP 0489287 B1 19940216; DE 4038751 A1 19920611; DE 4038751 C2 19950928

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