

Title (en)
Shock absorber for fixed structures, in particular for producing road safety barriers

Title (de)
Aufpralldämpfer für feste Strukturen, insbesondere zum Erstellen von Leitplanken

Title (fr)
Amortisseur de chocs pour structures fixes, notamment pour la réalisation de rails de sécurité

Publication
EP 1344868 A1 20030917 (EN)

Application
EP 03005117 A 20030307

Priority
IT TO20020211 A 20020312

Abstract (en)
A shock absorber (4; 24; 24a; 24b; 24c; 24d) for fixed structures, in particular for producing road safety barriers (1; 26; 26b; 26c; 26d); the absorber having a rear shoulder (7; 32; 32b) resting against a fixed structure (2; 27; 54), a shock-exposed front surface (34), and at least one body (9; 30; 30a; 30b; 30d) made of foam material and interposed between the rear shoulder (7; 32; 32b) and the front surface (34) along an axis (B; B') crosswise, in use, to the fixed structure (2; 27; 54). <IMAGE> <IMAGE>

IPC 1-7
E01F 15/14

IPC 8 full level
E01F 15/14 (2006.01)

CPC (source: EP)
E01F 15/145 (2013.01)

Citation (search report)
• [XY] DE 2028295 A1 19711216 - VAHLBRAUK KARL HEINZ
• [Y] GB 2292404 A 19960221 - RECTICEL LTD [GB]
• [A] FR 2548238 A1 19850104 - SCHUTZPLANKEN PRODUKTIONS GMBH [DE]

Citation (examination)
• WO 9306319 A1 19930401 - MORGAN PHILIP NIGEL [GB]
• US 3204377 A 19650907 - JOHNSON ROBERT B
• DE 4340953 C1 19950406 - NIEDERBERGER KG HEINRICH [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1344868 A1 20030917; IT TO20020211 A0 20020312; IT TO20020211 A1 20030912

DOCDB simple family (application)
EP 03005117 A 20030307; IT TO20020211 A 20020312