

Title (en)
Vehicle restraint system

Title (de)
Fahrzeugrückhaltesystem

Title (fr)
Système de retenue d'un véhicule

Publication
EP 1380695 A3 20040428 (DE)

Application
EP 03013766 A 20030618

Priority
• DE 10231505 A 20020712
• DE 10318357 A 20030423

Abstract (en)
[origin: EP1380695A2] The system has a steel guide barrier next to a road connected to displaceable transverse slide rails that can be displaced relative to a fixed guide against an increasing resistance and pivot to a limited extent relative to the fixed guide. The slide rail is wedge-shaped in plan view for mounting on a bridge cap and the fixed guide has guide strips accepting slide rails between them and for attachment to the bridge cap with a joining cover rail. The system has a guide barrier of steel next to a road connected to displaceable transverse slide rails (23) that can be displaced relative to a fixed forced guide (31) against an increasing resistance and pivot to a limited extent relative to the fixed guide. The slide rail is wedge-shaped in plan view for mounting on a bridge cap of a bridge structure and the fixed guide has guide strips (32) accepting the slide rail between them and for attachment to the bridge cap with a joining cover rail (33).

IPC 1-7
E01F 15/04; E01D 19/10; E01F 15/08

IPC 8 full level
E01D 19/10 (2006.01); **E01F 15/04** (2006.01)

CPC (source: EP)
E01D 19/103 (2013.01); **E01F 15/025** (2013.01); **E01F 15/0476** (2013.01)

Citation (search report)
• [DA] WO 0065156 A1 20001102 - MABA FERTIGTEILIND GMBH [AT], et al
• [A] EP 1167628 A2 20020102 - RENTON PRODUCTIONS LTD [GB]
• [DA] DE 19933401 A1 20010802 - SPIG SCHUTZPLANKEN PROD GMBH [DE]
• [A] WO 0008259 A1 20000217 - AUTOSTRADE CONCESS CONST [IT], et al
• [A] US 4662611 A 19870505 - RUANE GEORGE W [US]

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DE102009039337B4; DE102009007442B4; CN105220619A; DE102016118398B4; DE102005021423A1; NL2018015B1; AU2017375977B2; DE102009007442A1; WO2018111090A1; DE102009039337A1; DE202009018856U1; US10961675B2; EP3301226A1; DE102016118398A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1380695 A2 20040114; **EP 1380695 A3 20040428**; **EP 1380695 B1 20080227**; AT E387545 T1 20080315; DE 50309243 D1 20080410; ES 2301730 T3 20080701

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EP 03013766 A 20030618; AT 03013766 T 20030618; DE 50309243 T 20030618; ES 03013766 T 20030618