

Title (en)  
Restraint system

Title (de)  
Rückhaltesystem

Title (fr)  
Système de retenue

Publication  
**EP 1739235 A3 20070228 (DE)**

Application  
**EP 06114995 A 20060606**

Priority  
DE 102005030412 A 20050630

Abstract (en)  
[origin: EP1739235A2] The system has an oblique concrete protective wall with two stages (12,14), where a center width of upper stage is less than a center width of the lower stage. A reinforcement structure is arranged in the wall and an uprising unit (24) is provided for positioning the wall. The uprising unit is formed at a distance from the roadway and is provided as a free carrier layer, where the carrier layer does not exhibit bonding agent solidification. An independent claim is also included for an oblique concrete protective wall comprising a reinforcing bar.

IPC 8 full level  
**E01F 15/04** (2006.01)

CPC (source: EP)  
**E01F 15/0476** (2013.01); **E01F 15/083** (2013.01)

Citation (search report)

- [XY] WO 9621774 A1 19960718 - BERTELS AUGUSTINUS WILHELMUS M [NL]
- [Y] DE 10145647 C1 20030116 - TSS TECH SICHERHEITS SYSTEME G [DE]
- [DA] EP 1102898 A1 20010530 - AUTOSTRADE CONCESS CONST [IT]

Cited by  
CN107142877A; DE202011005689U1; DE102015100277A1; WO2016110293A2

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1739235 A2 20070103; EP 1739235 A3 20070228; EP 1739235 B1 20090304**; AT E424483 T1 20090315; DE 102005030412 A1 20070104; DE 502006002989 D1 20090416; DK 1739235 T3 20090608; PL 1739235 T3 20090831; SI 1739235 T1 20090831

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**EP 06114995 A 20060606**; AT 06114995 T 20060606; DE 102005030412 A 20050630; DE 502006002989 T 20060606; DK 06114995 T 20060606; PL 06114995 T 20060606; SI 200630300 T 20060606