

Title (en)

Vehicle retention system with improved deformation

Title (de)

Fahrzeugrückhaltesystem mit verbessertem Deformationsverhalten

Title (fr)

Système de retenue de véhicule ayant un comportement de déformation amélioré

Publication

EP 2520718 A3 20160921 (DE)

Application

EP 12001839 A 20120319

Priority

DE 102011100183 A 20110502

Abstract (en)

[origin: EP2520718A2] The vehicle restraint system (10) has several bullet-like composite wall elements (12,14,16) which extend along the hedged roadway. Several anchoring devices (28,30,32) are provided for fixing the wall elements to the substrate (U). Each wall elements have a grid structure with intersecting struts (18,20). The grating structure is made of metal, plastic, fiber reinforced plastic or plastic with filler.

IPC 8 full level

E01F 15/08 (2006.01)

CPC (source: EP)

E01F 15/085 (2013.01); **E01F 15/086** (2013.01)

Citation (search report)

- [X] WO 2005099389 A2 20051027 - CYRO IND [US]
- [X] EP 1460181 A2 20040922 - SCHUELER WOLFGANG [CH]
- [I] DE 10062231 A1 20020620 - RONGE CHRISTIAN [DE]
- [A] FR 1387757 A 19650129 - BERTRAM K G J

Cited by

US2021180276A1; EP3611305A1; WO2019215661A1; US11879218B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2520718 A2 20121107; EP 2520718 A3 20160921; EP 2520718 B1 20181226; DE 102011100183 A1 20121108; ES 2708298 T3 20190409; TR 201900929 T4 20190221

DOCDB simple family (application)

EP 12001839 A 20120319; DE 102011100183 A 20110502; ES 12001839 T 20120319; TR 201900929 T 20120319