

Title (en)

Guardrail system

Title (de)

Leitschienensystem

Title (fr)

Système de barrière de sécurité

Publication

EP 2439340 A3 20130116 (DE)

Application

EP 11183029 A 20110928

Priority

AT 6272010 U 20101011

Abstract (en)

[origin: EP2439340A2] The guide bar system (1) has a conducting element (2) made from a longitudinal section (5), a staying unit (4) and a fastening element for connecting the conducting element with the staying unit. The other fastening elements (18) are formed as deformation elements. Another longitudinal section (17) is connected with the former longitudinal section with a connecting element (36). An independent claim is also included for a fastening element for fastening a longitudinal section.

IPC 8 full level

E01F 15/04 (2006.01)

CPC (source: EP)

E01F 15/043 (2013.01); **E01F 15/0438** (2013.01)

Citation (search report)

- [X] EP 0999310 A1 20000510 - SEC ENVEL S A R L [FR]
- [X] FR 2868095 A1 20050930 - GAILLARD RONDINO SA [FR]
- [X] US 2008283806 A1 20081120 - EVERITT ANTHONY JAMES [GB], et al
- [X] EP 1997957 A2 20081203 - SPS SCHUTZPLANKEN GMBH [DE]
- [XD] EP 1640505 A1 20060329 - VOLKMANN & ROSSBACH GMBH & CO [DE]
- [X] EP 1741833 A2 20070110 - HIERROS Y APLANACIONES S A HIA [ES]
- [XD] EP 1650352 A1 20060426 - VOEST ALPINE KREMS FINALTECH [AT]

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 2439340 A2 20120411; **EP 2439340 A3 20130116**; **EP 2439340 B1 20150909**; AT 12367 U1 20120415; DK 2439340 T3 20151123; SI 2439340 T1 20160129

DOCDB simple family (application)

EP 11183029 A 20110928; AT 6272010 U 20101011; DK 11183029 T 20110928; SI 201130681 T 20110928