

Title (en)
Guardrail road barrier

Title (de)
Leitschwellenanordnung

Title (fr)
Glissière de sécurité routière

Publication
EP 1626126 A1 20060215 (DE)

Application
EP 05013551 A 20050623

Priority
DE 102004038982 A 20040810

Abstract (en)
The crash barrier (1) is supported on posts (3) at intervals at the edge of the roadway. The top ends of the posts hold continuous profiled horizontal rails (8) consisting of rail sections (7) able to deform when hit by a vehicle and held by bolts (10) in their overlapping ends (9). Bolts designed to break under load (6) hold the ends of the rail sections on the posts. A second continuous rail (16) is fastened to the posts under the first rail. It consists of series of flat rails (17) with bolted (18) joints midway between the posts. The rails have inwardly-turned flanges (20) and are bolted (24) to the posts with short pipe sections (23) acting as spacers.

IPC 8 full level
E01F 15/04 (2006.01)

CPC (source: EP)
E01F 15/043 (2013.01)

Citation (search report)

- [Y] DE 19907954 A1 20000803 - SPS SCHUTZPLANKEN GMBH [DE]
- [Y] WO 9206248 A1 19920416 - B A ALUMINIUM LTD [GB]
- [A] FR 2819277 A1 20020712 - DIFFUSION REGIONALE ET LOCALE [FR]
- [A] FR 2546932 A1 19841207 - ROUTIER EQUIP SA [FR]

Cited by
EP1997957A3; EP2083122A1; EP2374941A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1626126 A1 20060215; EP 1626126 B1 20080813; AT E404736 T1 20080815; DE 102004038982 A1 20060309;
DE 502005004991 D1 20080925

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