Title (en)

A semi-rigid road barrier providing controlled dissipation of impact energy and attitude correction.

Title (de)

Halbsteife Leitplanke für kontrollierte Dissipation der Aufprallenergie und Lage-Korrektur.

Title (fr)

Barrière routière semi-rigide pour dissipation contrÔlée d'énergie de choc et correction d'attitude.

Publication

EP 0554864 A1 19930811 (EN)

Application

EP 93101729 A 19930204

Priority

IT TO920090 A 19920204

Abstract (en)

On each upright (13) is pivoted a pair of energy-dissipating plates (32) connected to a shaped attachment element (26) of the rail (10) by two vertically-spaced couplings (38, 29; 38, 30). These include a partition (38) adapted to be sheared following an impact so as to dissipate part of the energy. The plates (32) are pivoted on a pin (43) on a strengthened portion (19) of the upright (13) and are provided with curved slots (44) engaged with another pin (47) on this portion so as to allow the plates (32) and the rail (10) to rotate should the upright (13) be bent outwards. The pins (43, 47) can slide vertically upwards in corresponding slots (21, 24) formed in the upright (13). The uprights (13) are also interconnected by a shaped elongate wheel-impact element (48) and by a rear flat rib (51) which acts as a tie bar in the case of an impact. <IMAGE>

IPC 1-7

E01F 15/00

IPC 8 full level

E01F 15/04 (2006.01)

CPC (source: EP)

E01F 15/0438 (2013.01)

Citation (search report)

- [X] EP 0356686 A1 19900307 - FRACASSO METALMECCANICA [IT]
- [Y] DE 2461942 A1 19750717 - VOEST AG
- [A] BE 782308 A 19720816 - NEHER MASCHF A

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0554864 A1 19930811; IT 1257376 B 19960115; IT TO920090 A0 19920204; IT TO920090 A1 19930804

DOCDB simple family (application)

EP 93101729 A 19930204; IT TO920090 A 19920204