Title (en)

IMPROVEMENTS TO A SEMIRIGID, POSITION-CORRECTABLE, COLLISION-ENERGY-DISSIPATING, GUARDRAIL

Title (de)

VERBESSERUNGEN AN EINER HALBSTEIFEN, AUFPRALLENERGIE ABFÜHRENDEN, LEITPLANKE MIT LAGE-KORREKTUR

Title (fr)

GLISSIERE DE SECURITE AMELIOREE SEMI-RIGIDE PRESENTANT UNE CARACTERISTIQUE DE CORRECTION DE POSITION ET DE DISSIPATION D'ENERGIE

Publication

EP 1058755 A1 20001213 (EN)

Application

EP 99901108 A 19990119

Priority

- IT 9900007 W 19990119
- IT TO980044 A 19980119

Abstract (en)

[origin: WO9936631A1] The guardrail (1) has a rail (5) connected to each post (3) by a spacer (13) and an energy dissipator (21), in which the spacer (13) carries two cam slots (27, 28) engaged by two pins (29, 30). The spacer (13) has a horizontal rib (20) located between the two slots (27, 28) and housed inside a rib (35) on the dissipator (21), which also has a further two horizontal ribs (33). The pins (29, 30) are of equal diameter and also engage two identical openings (11, 12) in a release body (41) movable telescopically inside the post (3). The openings (11, 12) are defined by two partitions (14, 49) which are sheared simultaneously by the pins (29, 30). And the guardrail (1) also has a wheel rail (50) carried by a spacer element (51) having an opening (56) of constant width, by which the spacer element slides over a pair of different-diameter bolts (57, 57') fitted to the post (3).

IPC 1-7

E01F 15/04

IPC 8 full level

E01F 15/04 (2006.01)

CPC (source: EP)

E01F 15/0423 (2013.01); **E01F 15/043** (2013.01); **E01F 15/0438** (2013.01)

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See references of WO 9936631A1

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