

Title (en)

Device for horizontally interconnecting guardrails or similar parts

Title (de)

Vorrichtung zum waagrecht Verbinden von Leitschienen oder dergleichen Teilen

Title (fr)

Perfectionnements aux dispositifs pour relier horizontalement entre elles des lisses de sécurité ou pièces analogues

Publication

EP 0687774 B1 19971119 (FR)

Application

EP 94401354 A 19940616

Priority

- EP 94401354 A 19940616
- FR 9302707 A 19930309

Abstract (en)

[origin: EP0687774A1] The sections of a safety rail are joined by a middle section (30), shaped like the safety rails which slides between the two rails. It consists of a block (5) which is attached to one section (31) and a second block which is attached to the other section (32). A cable (10) which has tensile strength runs through the two blocks and is anchored in position by (11) at one end. At the other end the cable passes through a cone shaped jaw (15). The jaw is controlled by a spring which releases the cable to allow slight movement for thermal expansion but which anchors the cable as soon as an impact tries to force the two sections apart. When this happens a piston, which is attached to an extension (102) of the cable, is prevented from moving down the cylindrical casing (21) which surrounds it because the filling material cannot be compressed. <IMAGE>

IPC 1-7

E01D 19/10; **E01D 19/04**; **E01F 15/00**; **E04C 5/12**

IPC 8 full level

E01D 19/10 (2006.01); **E01D 19/14** (2006.01); **E01F 15/04** (2006.01); **E01F 15/14** (2006.01); **E04C 5/12** (2006.01); **E04F 11/18** (2006.01)

CPC (source: EP)

E01D 19/103 (2013.01); **E01D 19/14** (2013.01); **E01F 15/0423** (2013.01); **E04C 5/12** (2013.01)

Cited by

EP2599922A1; CN107165096A; CN109914698A; GB2497811A; CN108560416A; EP3098351A1; ITUB20150967A1; FR2983218A1

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