

Title (en)

RAPID RAIL-FASTENING DEVICE AND SLEEPER PROVIDED WITH SUCH A DEVICE

Publication

EP 0373099 B1 19921230 (FR)

Application

EP 89810764 A 19891010

Priority

FR 8815851 A 19881202

Abstract (en)

[origin: US5042717A] Fastening strap composed of a rod having a vertical rectilinear part (20) and a curved part which forms a spring and the end (10) of which grips the flange (25) of the rail to be fastened, after being tensioned as a result of the rotation of the strap above a ramp (30), the lower end of the rectilinear part being equipped with a heel (2) catching on a retaining surface (36) in the tie. The strap has an intermediate bearing point (6) which, during the rotation of the strap, bears on an abutment (38) or on a bearing surface of a metal sole plate. This intermediate bearing point ensures the stability of the strap during its rotation and in its tensioned position and, if an abutment is used, keeps this abutment in place.

IPC 1-7

E01B 9/30; E01B 9/58

IPC 8 full level

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CPC (source: EP KR US)

E01B 9/30 (2013.01 - KR); **E01B 9/303** (2013.01 - EP US); **E01B 9/48** (2013.01 - EP US); **E01B 9/58** (2013.01 - EP US)

Cited by

DE102005058444B3; DE102005058467A1; FR2672317A1; EP0498761A3; EP0808946A1; FR2727443A1; DE102005058465A1; EP3346054A1; EP3346054B1

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