

Title (en)

Device to feed and position bolts for the coupling of rails to sleepers.

Title (de)

Vorrichtung zum Fördern und Einstellen von Bolzen zum Befestigen von Schienen auf Schwellen.

Title (fr)

Dispositif pour alimenter et positionner des boulons pour l'assemblage de rails sur des traverses.

Publication

EP 0262701 A1 19880406 (EN)

Application

EP 87201598 A 19870824

Priority

IT 8340986 A 19860922

Abstract (en)

Device to feed and position bolts for the coupling of rails to sleepers, which is suitable to be fitted to machines or units which perform the clamping and/or bolting of the rails to the sleepers, and is able to deliver heads (134) of bolts (34) directly to seatings (114), a clamping unit (52) cooperating with a conduit (43) which feeds the bolts (34) and is positioned at an end of such clamping unit (52), the bolt-feeder conduit (43) being supported by a vertically movable frame (25), the clamping unit (52) being suitable to grip the threaded shank of the bolt (34) and being able to move on three axes to position and deliver the heads (134) of the bolts (34) to seatings (114).

IPC 1-7

E01B 29/24

IPC 8 full level

E01B 29/24 (2006.01)

CPC (source: EP)

E01B 29/24 (2013.01)

Citation (search report)

- [AD] EP 0143477 A1 19850605 - DANIELI OFF MECC [IT], et al
- [AD] US 4131067 A 19781226 - NEWMAN GEORGE R, et al

Cited by

US11293145B2; WO2018050917A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0262701 A1 19880406; EP 0262701 B1 19901227; AT E59417 T1 19910115; DE 3767108 D1 19910207; IT 1201811 B 19890202; IT 8683409 A0 19860922; ZA 876323 B 19880302

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EP 87201598 A 19870824; AT 87201598 T 19870824; DE 3767108 T 19870824; IT 8340986 A 19860922; ZA 876323 A 19870825