

Title (en)

A support and coupling structure for a portable drill for railway tracks.

Title (de)

Haltevorrichtung und Kupplung für tragbare Schienenbohrmaschinen.

Title (fr)

Support et raccord pour perceuse portable pour rails.

Publication

EP 0626480 A1 19941130 (EN)

Application

EP 94830078 A 19940221

Priority

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- IT RM940007 U 19940114

Abstract (en)

The invention relates to a support and coupling structure for a portable drill for railway tracks. It comprises two guide rails (1) provided with racks (10), a vice (3, 3'), a support (5) and manoeuvring means (6). The vice (3, 3') has a first and a second jaw (7, 8) inferiorly shaped such as to grip the upper flange of the rail (4) and superiorly equipped with a strike and a counterstrike plates (74, 84). The jaw (7) is laterally fixed between the guide bars (1) and rests on the rolling plane (40) of the rail (4). The second jaw (8) is connected to the first jaw (7) by means of a flathead pivot (9), with a counterspring (12) and a key (100). The support device (5) comprises an adjustable drill (2) support device and sliding seats (51) on the guide bars (1). The manoeuvring means (6) comprise first gears (60) enmeshing with the racks (10) and keyed on a first shaft (61), which shaft (61) is also equipped with a handle (62) and second gears (63) enmeshing with the first gears (60) and keyed on a second shaft (64) equipped with a turning handle (66). <IMAGE>

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E01B 31/06 (2006.01)

CPC (source: EP)

B25H 1/0064 (2013.01); **E01B 31/06** (2013.01)

Citation (search report)

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