

Title (en)

A device for loading and unloading along the track, objects, particularly rails, on to and from railway trucks.

Title (de)

Vorrichtung zum Auf- und Abladen von Objekten, insbesondere Schienen, entlang der Eisenbahn, auf und von Eisenbahnwagen.

Title (fr)

Dispositif pour charger et décharger des objets, particulièrement des rails, le long de la voie ferrée, sur et à partir de wagons de chemin de fer.

Publication

EP 0044819 A1 19820127 (EN)

Application

EP 81830103 A 19810623

Priority

IT 347480 A 19800717

Abstract (en)

The device has a crane with which it is possible to unload (or load) objects such as rails from the charging platform of a railway truck on to the ballast surface at the side of the line constituting the railway track in operation, without in any way deviating from the clearance gauge laid down in railway regulations. This is achieved through the use of a vertical turret (2) at the top of which is placed, in a way whereby it is able to rotate around the vertical axis thereof, a central module (4) that comprises a first arm (5) placed horizontally and extensible horizontally between two limit positions under the action of first hydraulic operating means (6); to the free extremity of the said first arm is connected a second arm (7) placed vertically and extensible vertically between the two limit positions for loading the rail on to the truck and for unloading the rail on to the ballast, under the action of second hydraulic operating means (8-9); the said second arm being provided, in the extremity of the free extremity thereof, with a hooking element (10).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

E01B 29/16 (2013.01)

Citation (search report)

- US 3074562 A 19630122 - CLAYBORNE NORMAN F, et al
- FR 1141116 A 19570826 - GEISMAR ANCIEN ETS L
- [A] FR 1043372 A 19531109 - DUMEZ SOC
- [A] FR 1574169 A 19690711

Cited by

EP4053338A1; CN108930205A; US6293415B1; US8590454B2; US9676397B2; US8181577B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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