

Title (en)

PROPULSION DEVICE FOR A RAILWAY MODERNIZATION FLATCAR.

Title (de)

ANTRIEBSVORRICHTUNG EINES SCHIENENFAHRZEUGES ZUM RENOVIEREN VON EISENBAHNEN.

Title (fr)

DISPOSITIF DE PROPULSION POUR UNE RAME POUR LE RENOUVELLEMENT DE VOIES FERREES.

Publication

EP 0461216 B1 19940511

Application

EP 91900206 A 19901214

Priority

- EP 9002196 W 19901214
- IT 6814789 A 19891221

Abstract (en)

[origin: WO9109763A1] A propulsion device for a vehicle on rails, particularly a railway modernizing flatcar, of the kind in which movement is obtained by applying the power required for propulsion directly between the vehicle's frame and the rails, thereby bypassing the wheels. The device comprises hinged means (11-14, 31-34) for connecting it to the frame of a railway vehicle, means (1-2) for moving the propulsion device between a non-operational raised position during transit and an operational lowered position, two movable crosspieces (15, 35), means (13, 14, 33, 34) for supporting the movable crosspieces and guiding them along a path which is longitudinal with respect to the frame, hydraulic drive cylinders (16, 36) mounted between each of the two movable crosspieces (15, 35) and the frame, jaws (19, 39) mounted at both ends of each said crosspiece and able to engage the corresponding rails, and actuators (2, 42) arranged to control the engagement of said jaws (19, 39) with the rails, in conditions which make it possible to produce forward or reverse propulsive power.

IPC 1-7

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IPC 8 full level

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