

Title (en)

Transport device and method for transporting a vehicle

Title (de)

Anlage und Verfahren für den Transport eines Fahrzeuges

Title (fr)

Installation et méthode pour le transport de véhicule

Publication

EP 1302612 A1 20030416 (EN)

Application

EP 02079255 A 20021011

Priority

NL 1019155 A 20011011

Abstract (en)

A transport installation 1 for transporting a vehicle 9 has a movable platform 3 on which there are two extendible arms 7. Each arm 7 has two pairs of carrier shoes 27, for supporting the wheels of a vehicle 9. The carrier shoes 27 can rotate between a swung-back position and a swung-out position. In addition, the carrier shoes 27 making up a pair can move away from each other and towards each other. When rotating from the swung-back position to the swung-out position the carrier shoe 27 moves in a vertical direction downwards from a position above the floor to a position on the floor. Because of this, the weight of the vehicle is borne solely by the carrier shoes 27 and the arms 7 are not loaded. Each extendible arm has two guides 11, 15 in which two guide elements 19, 23 connected to each other can move, each having a gear wheel 75, 77. The gear wheels cooperate with gear racks 79, 81 on the guides 11, 15 and are coupled to each other by means of a transmission mechanism 83. <IMAGE>

IPC 1-7

E04H 6/18

IPC 8 full level

E04H 6/18 (2006.01)

CPC (source: EP)

E04H 6/183 (2013.01)

Citation (applicant)

- EP 0563663 A1 19931006 - HOECHST AG [DE]
- WO 8804350 A1 19880616 - ELIASSON STIG [SE]

Citation (search report)

[AD] EP 0563664 A1 19931006 - KRUPP INDUSTRIETECH [DE]

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