

Title (en)

RAILWAY FREIGHT CAR WITH A DEVICE FOR THE LOADING OR UNLOADING OF ROAD VEHICLES

Publication

EP 0273354 A3 19880824 (DE)

Application

EP 87118979 A 19871221

Priority

DE 3644411 A 19861224

Abstract (en)

[origin: EP0273354A2] Railway freight cars are to be provided with a device which allows lateral loading and unloading of trucks without complicated driving manoeuvres. The loading time is to be reduced considerably. It should be possible to produce ramps which are required for this purpose without great expenditure. The undercarriages of the freight cars are provided with platforms (1), below which rollers (2) are mounted which roll in U-shaped rails (3) transversely to the longitudinal axis of the freight car. The U-shaped rails have extensions (14) which can be folded down and rest on a ramp situated next to the freight car. The platforms are rolled onto the ramp. When a truck has driven up, the platforms are withdrawn onto the freight car again. In order to be able to use the space on the freight car better, the platforms are divided into platform segments (1). Due to the rapid and simple loading, transport over short routes becomes viable. Wherever railway tracks are available, urban roads can be kept free from heavy goods traffic. <IMAGE>

IPC 1-7

B61D 47/00; **B61D 3/18**

IPC 8 full level

B61D 3/18 (2006.01); **B61D 47/00** (2006.01)

CPC (source: EP)

B61D 3/184 (2013.01); **B61D 47/005** (2013.01)

Citation (search report)

- [X] DE 3502226 A1 19860724 - KRASS BERNFRIED DR
- [A] DE 3313211 A1 19841018 - SCHMIDT KREY BODIL, et al
- [A] DE 1163358 B 19640220 - MAURICE DE COLNET
- [A] EP 0061959 A1 19821006 - DELACHAPELLE MARCEL JOSEPH CHA
- [A] DE 1556617 A1 19700129 - LUHMANN ALFRED
- [A] DE 2038303 A1 19720203 - WEGMANN & CO
- [A] DE 1530924 A1 19700129 - KAESSBOHRER FAHRZEUG KARL

Cited by

US4964767A; CN105539471A; CN110371151A; GB2252284A; FR2836882A1; FR2743537A1; GB2381781A; GB2381781B; EP0885794A1; WO03076246A1; US6302635B1; WO9858828A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0273354 A2 19880706; **EP 0273354 A3 19880824**; DE 3644411 A1 19880707

DOCDB simple family (application)

EP 87118979 A 19871221; DE 3644411 A 19861224