

Title (en)
Process for the transportation of a container.

Title (de)
Verfahren für den Transport von einem Container.

Title (fr)
Procédé pour le transport d'un conteneur.

Publication
EP 0181676 A1 19860521 (EN)

Application
EP 85201859 A 19851112

Priority
NL 8403496 A 19841115

Abstract (en)
Process for the transportation of a container initially placed on the ground, partly by road using a wheeled vehicle, and partly by rail using a rail vehicle. The rail vehicle is provided with a rotating platform and the wheeled vehicle is provided with an auxiliary frame with guide elements for a container and a conveyor mechanism with which a container can be moved in two directions along the guide elements, it being possible to move the front ends and rear ends of said auxiliary frame independently of each other to a desired height relative to the ground. A container is placed from the ground on the wheeled vehicle or vice versa by means of the said conveyor, during which first of all the front ends of the auxiliary frame are moved upwards, so that the auxiliary frame is taken to a slanting position, following which a container is pulled onto or pushed off the wheeled vehicle by means of the conveyor after which the auxiliary frame is turned back to its initial position. A container is placed from the wheeled vehicle on the rail vehicle or vice versa by means of the said conveyor and, after positioning of the wheeled vehicle in a slanting position alongside the rail vehicle and rotation of the upper frame of the rotating platform until it is in line with the wheeled vehicle first of all the rear ends of the auxiliary frame are moved upwards with means provided on the wheeled vehicle for the purpose, in such a way that the guide elements thereof reach the same height as those of the upper frame of the rotating platform, and then the front ends of the auxiliary frame are taken to such a height that the guide elements of auxiliary frame and rotating platform are in line with each other, following which the container is pushed onto or pulled off the rail vehicle.

IPC 1-7
B61B 1/00; **B61D 3/04**; **B61D 47/00**

IPC 8 full level
B61B 1/00 (2006.01); **B61D 3/04** (2006.01); **B61D 3/20** (2006.01); **B61D 47/00** (2006.01)

CPC (source: EP)
B61B 1/005 (2013.01); **B61D 3/04** (2013.01); **B61D 3/20** (2013.01); **B61D 47/005** (2013.01)

Citation (search report)

- [A] GB 2108473 A 19830518 - PARTEK AB
- [A] US 3143979 A 19640811 - ECKERSALL RAYMOND A
- [A] FR 1512592 A 19680209 - SOFRAMIXTE
- [A] GB 1213324 A 19701125 - TALBOT WAGGONFAB [DE]
- [A] US 2959303 A 19601108 - WHELTLE HARRY A
- [A] GB 856951 A 19601221 - FLEXI VAN INC
- [A] GB 848728 A 19600921 - FLEXI VAN INC
- [A] US 3310185 A 19670321 - STRICKER JR HENRY C, et al
- [A] US 3190477 A 19650622 - ENGELBERT EWERS
- [A] US 3158106 A 19641124 - DEODAT CLEJAN
- [A] US 3151751 A 19641006 - LUIGI MARINI

Cited by
CN106553659A; CN113428673A; CN110803087A; AU773544B2; FR3021019A1; EP0325814A1; CN106927209A; US8932322B2; WO2005097575A1; WO0076820A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0181676 A1 19860521; NL 8403496 A 19860602

DOCDB simple family (application)
EP 85201859 A 19851112; NL 8403496 A 19841115