

Title (en)

Method and device for the loading and unloading of a removable container transported by a self-propelled trolley running on rails

Title (de)

Verfahren und Vorrichtung für das Entladen eines abnehmbaren, von einem selbstangetriebenen, auf Schienen verfahrbarem Wagen, transportierten Behälters

Title (fr)

Procédé et dispositif pour le chargement et le déchargement d'un conteneur amovible transporté par un chariot automoteur mobile sur des rails

Publication

EP 0738642 B1 19990324 (FR)

Application

EP 96400794 A 19960412

Priority

FR 9504895 A 19950421

Abstract (en)

[origin: EP0738642A1] The procedure involves using a self-propelled carriage (1) travelling on rails (2). The carriage has a coupling trough (7) for a container. The carriage moves until it is positioned with the trough above a container. After the trough has been aligned with the matching section of the container, both pieces are connected by moving one w.r.t. the other. Trough and container are locked together and transferred to their new position before separating. The carriage can travel along vertical rails, extending or retracting the trough by using articulated levers (L1,L2). It can also turn in about a vertical pivot to engage with a container received or dispatched on a horizontal roller conveyor.

IPC 1-7

B61B 5/02; **B61D 47/00**; **B66B 11/00**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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Cited by

US10737703B2; US10647334B2; US10759451B2

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EP 0738642 A1 19961023; **EP 0738642 B1 19990324**; AT E178002 T1 19990415; DE 69601824 D1 19990429; DE 738642 T1 19970403; FR 2733215 A1 19961025; FR 2733215 B1 19970613

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