

Title (en)

CART FOR TEMPORARY STORAGE OF PRODUCTS

Title (de)

WAGEN ZUM TEMPORÄREN LAGERN VON PRODUKTEN

Title (fr)

CHARIOT POUR STOCKAGE TEMPORAIRE DE PRODUITS

Publication

**EP 3274276 A4 20181121 (EN)**

Application

**EP 16767813 A 20160323**

Priority

- FI 20155201 A 20150324
- FI 2016050189 W 20160323

Abstract (en)

[origin: WO2016151202A1] An invention relates to picking and delivery of products and it especially relates to manners to reduce manual work. The invention concerns a cart (301) for temporary storage of products, the cart comprising a frame (303) with repositories, wheels (302), and a displacer (306) comprising nested slides for moving a first repository (304) with respect to a second repository (305). The cart (301) is configured to a picking usage so that the displacer (306) has an open position in which products can be placed into the first repository (304) from one side of the cart (301) and into the second repository (305) from the opposite side. The same cart (301) is further configured to a delivery usage so that the displacer (306) has a closed position for the delivery usage and a fastener is configured to keep the displacer (306) in the closed position in a delivery vehicle when a centrifugal force effects on the displacer and aims to move the displacer away from the closed position. In the delivery vehicle the first repository (304) locates on top of the second repository (305) in order to narrow a space between the side (308) and the opposite side (309).

IPC 8 full level

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**B62B 3/04** (2006.01)

CPC (source: EP FI)

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**B62B 2203/70** (2013.01 - EP)

Citation (search report)

- [X] DE 19817658 A1 19990114 - EGMOND TECH HANDELSONDERNEMING [NL]
- [XY] US 8919896 B1 20141230 - SHEWCHUCK LEE-ANN [CA]
- [Y] US 2009166991 A1 20090702 - CAI YOU-HUA [CN]
- [Y] DE 10119312 A1 20021024 - SCHUMACHER CARLOS [DE]
- [Y] US 2003030239 A1 20030213 - WOERNER AXEL G [DE]
- See references of WO 2016151202A1

Designated contracting state (EPC)

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