

Title (en)

TRANSPORT DEVICE FOR THE ROW-BY-ROW RELOCATION OF PIECE GOODS THAT ARE PRONE TO FALLING OVER

Title (de)

TRANSPORTVORRICHTUNG ZUM REIHENWEISEN UMSETZEN VON UMFALLGEFÄHRDETEN STÜCKGÜTERN

Title (fr)

DISPOSITIF DE TRANSPORT POUR DÉPLACER EN RANGÉES DES MARCHANDISES DE DÉTAIL FACILEMENT RENVERSABLES

Publication

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Application

EP 17712717 A 20170307

Priority

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Abstract (en)

[origin: WO2017153401A1] The invention relates to a relocation method for moving piece goods and an associated transport device. Piece goods (2) that are prone to falling over, in particular bottles, are moved between an in-flow region (E) and a holding area (9) for a layer (10) formed of adjacent rows (3, 4, 5) of the piece goods (2). For this purpose, the transport device (1) has multiple relocation guides (11-15) which can be moved in a controlled manner, and which are designed to transport a row (3-7) or a set of rows of the piece goods (2) between the inflow region (E) and the holding area (9), in order to assemble or disassemble a layer. During assembly or disassembly of the layer, a respective second-outermost row (K2) or a second-outermost set of rows of the layer (10) are secured against falling over by means of a relocation guide (11), while an outermost row (K1) or an outermost set of rows is added to the layer (10) or removed from the layer (10).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017153401A1

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