

Title (en)

TRANSFER OF CONVEYED GOODS FROM A VEHICLE, WHICH DISPENSES ON THE BASIS OF INERTIA, ONTO A CONTINUOUS CONVEYOR

Title (de)

FÖRDERGUTTRANSFER VON TRÄGHEITSBASIERT ABGEBENDEM FAHRZEUG AUF STETIGFÖRDERER

Title (fr)

TRANSFERT DE MARCHANDISES TRANSPORTÉES DEPUIS UN VÉHICULE, LES DISTRIBUANT SELON LE PRINCIPE DE L'INERTIE, SUR UN TRANSPORTEUR CONTINU

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Application

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Abstract (en)

[origin: WO2023001702A1] The following are disclosed: a conveyance system; an interface station; and a method for transferring conveyed goods from an automated guided vehicle (FTF), via an interface station comprising a deflecting conveyance unit (28), to a continuous conveyor (24), which is operated at a preset conveying speed and which has a preferred conveying direction. The method comprises the steps of: dispensing the conveyed goods from the automated guided vehicle to the interface station; a sensor system (38) sensing the dispensed conveyed goods in the region of the interface station; a control unit determining, on the basis of the sensor signals, a present speed and direction of motion of the dispensed conveyed goods; the control unit generating, on the basis of the present speed and direction of motion, a present control signal for the deflecting conveyance unit (28) such that the present speed and direction of motion of the dispensed conveyed goods are identical, at the time of a transition of the dispensed conveyed goods from the interface station onto the continuous conveyor (24) at the latest, to the preset conveying speed and the preferred conveying direction of the continuous conveyor (24); and influencing a present motion of the conveyed goods by means of the deflecting conveyance unit (28) in accordance with the present control signal, which the deflecting conveyance unit (28) receives from the control unit.

IPC 8 full level

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