

Title (en)  
ACCUMULATING CONVEYOR

Title (de)  
STAUFÖRDERER

Title (fr)  
CONVOYEUR ACCUMULATEUR

Publication  
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Application  
**EP 17794295 A 20171027**

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Abstract (en)  
[origin: WO2018078105A1] The invention relates to an accumulating conveyor (1) for pallets (20) for conveying piece goods on the pallets (20), comprising an upper strand (2) and a lower strand (3), which form an upper and a lower conveyor track (4, 5) for pallets (20) with reversing sections (6) which connect the upper strand (2) and the lower strand (3) to one another and in which deflecting elements (7) are arranged, of which at least one is connected to a motor (8) and can be driven by said motor; continuous traction elements (9) which circulate continuously on the upper strand (2), on the lower strand (3) and in the reversing sections (6), and which engage and are driven by the deflecting elements (7) in the reversing sections (6); at least one pallet (20) which is carried along by and circulates together with the traction elements; at least one impact element (40) on the underside (22) of the pallet (20); at least one stop element (51) of at least one stop device (50), said stop element being arranged between the upper strand (2) and the lower strand (3) and being driven by a motor (52), and being movable into a blocking position in the travel path of the impact element (40) so as to stop the pallet (20) at least on the upper conveyor track (4) when the at least one impact element (40) hits the at least one stop element (51), and into a release position to allow the impact element (40) and thus the pallet (20) to pass for further conveyance along the upper conveyor track (4). The device according to the invention is characterized in that, when moving from the blocking position into the release position on a curved track, at least part of the at least one stop element (51) moves around the least one impact element (40) and, in doing so, releases the impact element (40) and thus the pallet (20) for further conveyance.

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