

Title (en)
CONVEYING DEVICE WITH TRANSPORT CASSETTE

Title (de)
FÖRDERVORRICHTUNG MIT TRANSPORTKASSETTE

Title (fr)
DISPOSITIF DE TRANSPORT AVEC CASSETTE DE TRANSPORT

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Application
EP 22754296 A 20220804

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Abstract (en)
[origin: WO2023011691A1] The invention relates to a conveying device, in particular a belt conveyor (1), for conveying products in a longitudinal direction (x) which preferably corresponds to the conveying direction, with a width (B) which extends in a second transverse direction (y) which is orthogonal with respect to the first direction, and with a height direction (z) which is orthogonal with respect to the two directions (x, y), wherein the device consists of a frame (3) with side parts (15, 17) oriented in the longitudinal direction (x) and at least two transverse parts (19, 21) which extend in the transverse direction y, with the result that the width (B) of the frame (3) is defined substantially by the length of the transverse parts (19, 21), a drive roller (9) is arranged in a stationary and rotatable manner on or in the frame (3), the axle of which drive roller (9) extends in the transverse direction (y), and the length of which drive roller (9) extends substantially over the entire width (B) of the frame (3), in order to directly load at least one endless conveying means (7) for the purpose of driving, at least one transport cassette (23) is inserted removably into said frame (3), wherein the at least one transport cassette (23) is arranged in a stationary manner in the longitudinal direction (x) and in the transverse direction (y), the at least one transport cassette (23) has at least one deflecting element (35, 37) which extends in the transverse direction (y) and deflects the endless conveying means (7), and the at least one endless conveying means (7) runs around the drive roller (9), the at least two transverse parts (19, 21) and the at least one transport cassette (23).

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