

Title (en)

ANGLED TRANSFER WITH ROLLER CHAIN

Title (de)

WINKELÜBERGABE MIT ROLLENKETTE

Title (fr)

TRANSFERT D'ANGLE AVEC CHAÎNE À ROULEAUX

Publication

**EP 4244160 A1 20230920 (DE)**

Application

**EP 21816333 A 20211111**

Priority

- DE 102020129833 A 20201112
- EP 2021081369 W 20211111

Abstract (en)

[origin: WO2022101336A1] The invention relates to a conveyor having a driven roller chain and a driveable drive face oriented transversely thereto, wherein, in one conveying direction, the rollers of the roller chain run transversely to the underlying drive face, which means that the rollers do not roll thereon but are only pulled thereover, and only when the conveyed goods are to be moved transversely to said conveying direction is the drive of the roller chain switched off and the drive of the drive face switched on, this having the effect that the rollers then rotate in the rotational direction of their longitudinal axis and move the conveyed goods transversely to the previous conveying direction, so that surprisingly friction of the rollers during their movement over the stationary drive face is permitted when the conveyed goods are moved in one conveying direction, and then, when said goods are to be rotated, the drive face is moved and the drive of the roller chain is switched off so that the drive face then causes the rollers to rotate and thus the conveyed goods to move.

IPC 8 full level

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CPC (source: EP US)

**B65G 17/08** (2013.01 - EP US); **B65G 17/24** (2013.01 - EP US); **B65G 17/40** (2013.01 - EP)

Citation (search report)

See references of WO 2022101336A1

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DOCDB simple family (publication)

**WO 2022101336 A1 20220519**; CN 116529182 A 20230801; DE 102021129382 A1 20220512; EP 4244160 A1 20230920; US 2024034567 A1 20240201

DOCDB simple family (application)

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