

Title (en)  
DEVICE FOR CONVEYING FLAT FLOPPY PRODUCTS

Title (de)  
VORRICHTUNG ZUM TRANSPORT VON FLÄCHIGEN, BIEGESCHLAFENEN PRODUKTEN

Title (fr)  
DISPOSITIF POUR LE TRANSPORT DE PRODUITS PLATS SOUPLES

Publication  
**EP 0726868 B1 19980318 (DE)**

Application  
**EP 95900100 A 19941101**

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Abstract (en)  
[origin: US5803450A] PCT No. PCT/EP94/03579 Sec. 371 Date Jul. 8, 1996 Sec. 102(e) Date Jul. 8, 1996 PCT Filed Nov. 1, 1994 PCT Pub. No. WO95/12540 PCT Pub. Date May 11, 1995A device for conveying flat floppy products has an inlet conveyor belt with a constant velocity, an intermediate conveyor belt with a periodically changing velocity and an outlet conveyor belt with constant velocity. The intermediate conveyor belt causes a deceleration or acceleration of the product to be conveyed. Transfer of the product between the conveyor belts takes place at respectively the same velocities of the affected belts. The drive of the intermediate conveyor belt is performed by a gear making periodic gear changes. The invention relates to the relationship between the shaft distance and the radius of the drive pulley of the intermediate conveyor belt and is particularly related to steps reducing the torque during acceleration or deceleration of the drive elements and assuring a slip-free conveyance of the products.

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**US 5803450 A 19980908**; DE 59405493 D1 19980423; EP 0726868 A1 19960821; EP 0726868 B1 19980318; JP H09504260 A 19970428; WO 9512540 A1 19950511

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