

Title (en)

Conveying device for objects in packaging machines, especially for folding boxes

Title (de)

Fördereinrichtung für Gegenstände in Verpackungsmaschinen, insbesondere für Faltschachteln

Title (fr)

Dispositif de transport d'objets dans une machine d'emballage, spécialement pour boîtes pliantes

Publication

**EP 0623514 B1 19960828 (DE)**

Application

**EP 94103043 A 19940301**

Priority

DE 4314632 A 19930504

Abstract (en)

[origin: EP0623514A1] To adjust the spacing between the drivers (1', 1''), the chain wheels (5', 5'') and (6', 6''), which guide the conveying chains (3', 3'') having the drivers (1') and the conveying chains (4', 4'') having the drivers (1''), can be rotated relative to one another. For this purpose, the chain wheels (6', 6'') are seated fixedly in terms of rotation, but the chain wheels (5', 5'') are seated rotatably on a central shaft (7) which can be driven in order to rotate the conveyor. The rotatable chain wheels (5', 5'') are driven via drive connections (11) by a secondary shaft (12) which is normally connected synchronously to the central shaft (7) via a gear (15) and a coupling (16). To adjust the spacing of the drivers (1', 1''), the two shafts (7, 12) are uncoupled from one another and rotated relative to one another to the desired extent. The chain wheels (5'', 6'') and the driving gearwheel (10) for the pair of conveying chains (7, 12) are moreover displaceable along the shafts (7, 12) for a change of spacing in relation to the pair of conveying chains (3', 4'). <IMAGE>

IPC 1-7

**B65B 59/00**

IPC 8 full level

**B65B 59/00** (2006.01)

CPC (source: EP US)

**B65B 43/54** (2013.01 - EP); **B65B 59/003** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US)

Cited by

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