

Title (en)

Apparatus and method for conveying of sheets

Title (de)

Vorrichtung und Verfahren zum Fördern bogenförmiger Objekte

Title (fr)

Dispositif et procédé pour transporter des feuilles

Publication

EP 1787933 A1 20070523 (DE)

Application

EP 06017708 A 20060825

Priority

DE 102005055364 A 20051117

Abstract (en)

Conveying modules (1,2,3,4) have parallel suction belts (11,11a) that exert negative pressure under a printed sheet (200). The belts are guided by mutually spaced deflection rollers (300, 300a) at a start/end of a conveying module (1,2), all positioned on a common shaft (20). A conveying module (2) is designed as a switch with two swivel positions (8,9) to reroute a sheet. The switch is mounted about a swivel axis (19,19a). The end of a conveying module is displaced with respect to the start of the subsequent conveying module (3,4) in order to transfer a printed sheet. An independent claim is included for a method for operating a device for conveying sheet-like articles.

IPC 8 full level

B65H 29/24 (2006.01); **B65H 29/58** (2006.01); **B65H 33/14** (2006.01)

CPC (source: EP US)

B65H 29/242 (2013.01 - EP US); **B65H 29/58** (2013.01 - EP US); **B65H 29/585** (2013.01 - EP); **B65H 33/14** (2013.01 - EP US); **B65H 2301/4212** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP)

Citation (applicant)

- DE 2430212 A1 19760115 - ROLAND OFFSETMASCHF
- DE 10329833 A1 20050217 - KOENIG & BAUER AG [DE]
- EP 0497002 A1 19920805 - FERAG AG [CH]
- JP H05289566 A 19931105 - SHARP KK

Citation (search report)

- [X] EP 0497002 A1 19920805 - FERAG AG [CH]
- [X] JP H05289566 A 19931105 - SHARP KK
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Cited by

CN105584882A; CN110127327A; CN110603216A; US11498792B2

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