

Title (en)

Ball support in a conveying device for paper sheets.

Title (de)

Kugelauflage in einer Fördervorrichtung für Papierbogen.

Title (fr)

Support pour billes dans un dispositif convoyeur pour feuilles de papier.

Publication

EP 0512278 B1 19940622 (DE)

Application

EP 92106226 A 19920410

Priority

DE 4114478 A 19910503

Abstract (en)

[origin: US5277420A] A ball bearing in a conveyor device for sheets includes ball guide bodies having ball guide openings formed therein. Balls are to be disposed in the openings. The ball guide bodies have lateral contact slits formed therein through which the balls can be removed and replaced through the ball guide openings by contact with the balls from the outside.

IPC 1-7

B65H 5/06; **B65H 5/02**; **B65H 5/38**

IPC 8 full level

B41F 21/00 (2006.01); **B65H 5/02** (2006.01); **B65H 5/06** (2006.01); **B65H 5/38** (2006.01)

CPC (source: EP US)

B65H 5/062 (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 5277420 A 19940111; AT E107603 T1 19940715; DE 4114478 C1 19920709; DE 59200251 D1 19940728; EP 0512278 A1 19921111; EP 0512278 B1 19940622; JP H05193107 A 19930803; JP H0775882 B2 19950816

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US 87786192 A 19920504; AT 92106226 T 19920410; DE 4114478 A 19910503; DE 59200251 T 19920410; EP 92106226 A 19920410; JP 10648792 A 19920424