

Title (en)

Auxiliary driving device for transporting sheets of paper or cardboard.

Title (de)

Hilfsantriebsvorrichtung zum Transportieren von Bögen aus Papier oder Karton.

Title (fr)

Dispositif auxiliaire d'entraînement pour le transport de feuilles de papier ou de carton.

Publication

EP 0684201 A1 19951129 (FR)

Application

EP 95107828 A 19950523

Priority

CH 159394 A 19940524

Abstract (en)

The drive mechanism, esp. for a sheet material cutting press, consists of a drive roller (11) and an associated rotary brush (12), forming an assembly located between the lower and upper sections of a margin table with a spring to apply a pressure against the upper surface of the sheet materials. The rotary brush is turned by the drive roller through a ring (53) set on a cylindrical head (51) connected to brush shaft (50). The ring is applied with a certain pressure against the inner surface of a circular chamber (47) inside the drive roller by the movement of a bearing (22). The roller and brush assembly is mounted on one end of a lever (21) pivoted to a bar on the upper section of the margin table.

IPC 1-7

B65H 29/20; **B65H 5/24**

IPC 8 full level

B65H 5/06 (2006.01); **B65H 5/24** (2006.01); **B65H 29/20** (2006.01)

CPC (source: EP KR US)

B65H 3/00 (2013.01 - KR); **B65H 11/002** (2013.01 - EP US); **B65H 29/20** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

Citation (search report)

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- [A] US 4163550 A 19790807 - ARMSTRONG JOEL D [US]
- [A] US 4762314 A 19880809 - HARADA HIROSHI [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 71 (M - 567) 4 March 1987 (1987-03-04)

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EP1935817A3; WO2008009402A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0684201 A1 19951129; **EP 0684201 B1 19980429**; CH 690100 A5 20000428; CN 1056814 C 20000927; CN 1122765 A 19960522; DE 69502233 D1 19980604; DE 69502233 T2 19980917; ES 2116649 T3 19980716; JP 2647812 B2 19970827; JP H082740 A 19960109; KR 0156617 B1 19990218; KR 950031830 A 19951220; TW 284739 B 19960901; US 5626338 A 19970506

DOCDB simple family (application)

EP 95107828 A 19950523; CH 159394 A 19940524; CN 95105814 A 19950524; DE 69502233 T 19950523; ES 95107828 T 19950523; JP 12490495 A 19950524; KR 19950012929 A 19950523; TW 84105314 A 19950525; US 44979095 A 19950524