

Title (en)

Device for braking flat products and corresponding folding machine

Title (de)

Bremsvorrichtung für Flacherzeugnisse und entsprechende Biegepresse

Title (fr)

Dispositif de freinage de produits plats et plieuse correspondante

Publication

EP 2008957 A1 20081231 (FR)

Application

EP 08158853 A 20080624

Priority

FR 0756108 A 20070628

Abstract (en)

The device (8) has a support (22). Braking jaws move between a passage position and a braking position of a flat product (23). A driving unit drives the jaws from the passage position to the braking position, and has an eccentric element that rotates around a rotational axis (X-X) and co-operates with the jaw. The jaw has a base body and a wear part that is made of bronze. The eccentric element is rotatably fixed on a shaft (42) that is rotates around the rotational axis.

Abstract (fr)

Ce dispositif de freinage d'un produit plat, notamment d'une signature, comporte un support (22), une mâchoire de freinage (26) du produit plat, mobile entre une position de passage du produit plat et une position de freinage du produit plat, et des moyens d'entraînement (36, 40) de la mâchoire de freinage de sa position de passage vers sa position de freinage. Les moyens d'entraînement comprennent un élément excentrique (40) mobile en rotation et coopérant avec la mâchoire de freinage. Application aux plieuses de presses rotatives.

IPC 8 full level

B65H 9/14 (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

B65H 9/14 (2013.01 - EP US); **B65H 29/68** (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US)

Citation (applicant)

FR 2793229 A1 20001110 - ROLAND MAN DRUCKMASCH [DE]

Citation (search report)

- [XA] GB 654338 A 19510613 - DEXTER FOLDER CO
- [X] GB 288456 A 19280412 - AMERICAN TYPE FOUNDERS CO
- [DA] DE 19921169 A1 20001116 - ROLAND MAN DRUCKMASCH [DE]
- [A] EP 0639523 A1 19950222 - ROCKWELL GRAPHIC SYSTEMS INC [US]
- [A] GB 1343303 A 19740110 - POLYGRAPH LEIPZIG
- [A] WO 2005082757 A1 20050909 - KOENIG & BAUER AG [DE], et al

Designated contracting state (EPC)

CH DE FR GB IT LI NL

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2008957 A1 20081231; **EP 2008957 B1 20120815**; CN 101348197 A 20090121; CN 101348197 B 20120530; FR 2918048 A1 20090102; FR 2918048 B1 20110520; JP 2009007171 A 20090115; US 2009008870 A1 20090108; US 7931268 B2 20110426

DOCDB simple family (application)

EP 08158853 A 20080624; CN 200810215419 A 20080627; FR 0756108 A 20070628; JP 2008170672 A 20080630; US 21517208 A 20080625