

Title (en)

Device for guiding sheets between two cylinders of a folding apparatus

Title (de)

Vorrichtung zum Führen von Signaturen zwischen zwei Zylindern einer Falzvorrichtung

Title (fr)

Dispositif pour le guidage de feuilles entre deux cylindres d'un appareil de pliage

Publication

EP 1748014 A3 20071003 (DE)

Application

EP 06004203 A 20060302

Priority

IT MI20051482 A 20050729

Abstract (en)

[origin: EP1748014A2] Guiding apparatus for symbols (S) in the free space between a gripper cylinder (3) (supplying symbols) and a folding cylinder (4) (abstracting symbols) comprises a holder (16) receiving a plate (8), adjustable about a point of rotation (7) and rotatably receiving a symbol guide (15). The guide has oval cross-section, extends over the full length of the cylinders and is covered on the side facing the cylinders with a strip of low-friction material.

IPC 8 full level

B31B 50/00 (2017.01); **B65H 45/04** (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP US)

B65H 45/167 (2013.01 - EP US); **B65H 2404/621** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US)

Citation (search report)

- [A] US 4697805 A 19871006 - HERB RUDOLF [DE]
- [A] US 5702341 A 19971230 - KEILHAU THEO [DE]
- [A] US 5226871 A 19930713 - SKIPOR EUGENE [US]
- [A] US 5013020 A 19910507 - STOLL NORBERT [DE]
- [A] EP 0230305 A2 19870729 - ELTEX ELEKTROSTATIK GMBH [DE]
- [A] US 6605027 B1 20030812 - CLOUTIER CHRISTOPHER ALAN [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1748014 A2 20070131; **EP 1748014 A3 20071003**; IT MI20051482 A1 20070130; US 2007027013 A1 20070201; US 7377892 B2 20080527

DOCDB simple family (application)

EP 06004203 A 20060302; IT MI20051482 A 20050729; US 36114506 A 20060223