

Title (en)
Folding roller and folding device

Title (de)
Falzwalze und Falzapparat

Title (fr)
Rouleau de pliage et plieuse correspondante

Publication
EP 2039639 A1 20090325 (FR)

Application
EP 08164704 A 20080919

Priority
FR 0757793 A 20070924

Abstract (en)
The roller (8) has an axial section comprising a folding surface to fold a flat product i.e. signature (S). Another axial section has a folding surface to fold the signature and a main clearance (44) radially recessed with respect to the folding surfaces. The former axial section has an auxiliary clearance radially recessed with respect to the former folding surface. The main clearance overlaps a lateral part of a front edge of the signature when the signature is received by the roller.

Abstract (fr)
Ce rouleau de pliage (8, 10) pour une plieuse d'un produit plat à plier, s'étend selon un axe central (X-X) et comprend un premier tronçon axial (30), et un deuxième tronçon axial (32), le premier tronçon axial ayant une première surface de pliage (40) du produit à plier. Le deuxième tronçon axial (32) comporte un dégagement principal (44) radialement en retrait par rapport à la première surface de pliage (40). Application aux dispositifs de pli d'équerre.

IPC 8 full level
B41F 13/62 (2006.01); **B65H 27/00** (2006.01); **B65H 45/12** (2006.01); **B65H 45/18** (2006.01)

CPC (source: EP US)
B65H 27/00 (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US)

Citation (search report)

- [X] EP 0855356 A2 19980729 - ROLAND MAN DRUCKMASCH [DE]
- [X] EP 0366611 A2 19900502 - WIFAG MASCHF [CH]
- [X] US 4781667 A 19881101 - KITAI MITSUO [JP]

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AL BA MK RS

DOCDB simple family (publication)
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