

Title (en)
Device for finishing the fold of signatures

Title (de)
Vorrichtung zur Endbearbeitung des Falzes von Signaturen

Title (fr)
Dispositif de finition du pli de livrets

Publication
EP 0741097 A3 19970305 (FR)

Application
EP 96107126 A 19960506

Priority
DE 29507466 U 19950504

Abstract (en)
[origin: EP0741097A2] The booklet folder consists of at least one pair of parallel and opposite rollers (12). The rollers have a gap between them for the booklets (14) to pass through. At least one (12b) of the rollers is driven. Rollers (12a,b) are spring-loaded towards one another. A perpendicular to a line joining the axes of the two rollers is inclined in relation to the booklets' direction of travel. The booklets are guided between the rollers by a deflector (20) in the form of an endless belt, so that the folded edges of the booklets are turned before they pass between the rollers to give more reliable creasing. The rollers can be set in two pairs (10a,b,12a,b), one behind the other, with the upper rollers spring-loaded and the endless belt passing round the lower ones, which are driven by a single motor (16).

IPC 1-7
B65H 29/12; **B65H 45/12**

IPC 8 full level
B65H 29/12 (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP)
B65H 29/12 (2013.01); **B65H 2404/261** (2013.01); **B65H 2701/18271** (2013.01)

Citation (search report)
• [A] DE 7136932 U
• [A] DE 2640411 A1 19780316 - STAHL GMBH & CO MASCHF
• [A] US 5125330 A 19920630 - REIST WALTER [CH]

Cited by
DE102007026245B3; US7325799B2; US6692208B1

Designated contracting state (EPC)
DE FR GB

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DE 29507466 U1 19950706; DE 69618066 D1 20020131; DE 69618066 T2 20020822; EP 0741097 A2 19961106; EP 0741097 A3 19970305; EP 0741097 B1 20011219; EP 0741097 B9 20021002

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