

Title (en)

Folder for folding paper sheets

Title (de)

Faltgerät zum Falten von Papier

Title (fr)

Dossier pour feuilles de papier pliables

Publication

**EP 2100841 A1 20090916 (EN)**

Application

**EP 08152509 A 20080310**

Priority

EP 08152509 A 20080310

Abstract (en)

A folder for folding a sheet or a set of collated sheets having a pair of folding cylinders (1, 2; 51, 52) with a folding nip (3; 53) for pressing a fold (4) in a curved portion (5; 55) of the sheet or set of sheets (6; 56) passing through the folding nip (3; 53), a sheet support structure (7; 57) extending along a first side of the folding cylinders (1, 2; 51, 52) and the folding nip (3; 53) and two circulatable pressing members (9,13; 59,63) which are, when in an operating condition for folding, in contact with the circumference of a first folding cylinder (1, 51) and a second folding cylinder (2, 52) respectively, for urging the sheet or the set of sheets (6; 56) towards the folding nip (3; 53). The sheet support structure (7; 57) constitutes a clamping area (16;66) for clamping a set of sheets at least in a position spaced from the folding cylinders, thus allowing a sheets of different sizes to be folded as a single set.

IPC 8 full level

**B65H 45/18** (2006.01); **B65H 45/14** (2006.01)

CPC (source: EP)

**B65H 45/14** (2013.01); **B65H 45/18** (2013.01)

Citation (applicant)

US 4643705 A 19870217 - BOBER HENRY T [US]

Citation (search report)

- [X] DE 19611787 A1 19970918 - FRANCOTYP POSTALIA GMBH [DE]
- [X] US 6309336 B1 20011030 - MUESSIG KARL [DE], et al

Cited by

EP2123474A1; EP2123475A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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