

Title (en)

Device and method for folding printed sheets

Title (de)

Vorrichtung und Verfahren zum Falzen von Druckbogen

Title (fr)

Dispositif et procédé destinés à plier des feuilles imprimées

Publication

EP 2727869 B1 20160106 (DE)

Application

EP 13190216 A 20131025

Priority

CH 21802012 A 20121030

Abstract (en)

[origin: EP2727869A1] The apparatus (2) has a folding gap (7) which is defined between two folding rollers (5). A compressed air device is arranged in region of folding gap on second side (9) of guide plane (3) opposite the first side (4) of plane. The compressed air device (10) is provided with segments (32) connected with compressed air source (14) and control unit (16). Each segment is provided with control element (17) and exit opening (11) with cross-sectional surface (19) for compressed air focused onto gap. Each segment is configured to be separately activated with compressed air. An independent claim is included for a method of folding print sheets.

IPC 8 full level

B65H 45/12 (2006.01); **B65H 45/04** (2006.01)

CPC (source: EP US)

B31B 50/52 (2017.07 - EP US); **B65H 45/04** (2013.01 - US); **B65H 45/12** (2013.01 - EP US); **B65H 45/18** (2013.01 - US); **B65H 2406/12** (2013.01 - EP US)

Cited by

EP3597430A1; DE102016203043A1; DE102016203043B4; US11034542B2; EP3533609A1; DE102022124182A1; EP4349610A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2727869 A1 20140507; **EP 2727869 B1 20160106**; **EP 2727869 B8 20160316**; JP 2014088266 A 20140515; JP 6247498 B2 20171213; US 2014121093 A1 20140501; US 9650224 B2 20170516

DOCDB simple family (application)

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