

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 2727868 B1 20160106 (DE)

Application

EP 13190199 A 20131025

Priority

CH 21792012 A 20121030

Abstract (en)

[origin: EP2727868A1] The apparatus (2) has a compressed air device (10) arranged essentially parallel to rotational axes (6) of folding rollers (5) on a side (4) of a guide plane (3). A set of control elements (17, 18, 20) is connected to a compressed air source (14) and a control unit (16) and activateable by the control unit such that an exit opening (11) that is admitted with compressed air (12), a cross-sectional surface (19) of the exit opening and pressure of the compressed air supplied to the exit opening are changeable to adapt to properties of available print sheet (1) during a time interval. An independent claim is also included for a method for folding print sheets.

IPC 8 full level

B41F 13/56 (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP US)

B41F 13/56 (2013.01 - US); **B65H 45/04** (2013.01 - US); **B65H 45/12** (2013.01 - EP US); **B31B 50/52** (2017.07 - EP US); **B65H 45/18** (2013.01 - US); **B65H 2406/12** (2013.01 - EP US)

Cited by

EP3533609A1; EP4349610A3; EP3597430A1; US11034542B2; US10800633B2; DE102022124182A1; EP4349610A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2727868 A1 20140507; **EP 2727868 B1 20160106**; JP 2014088265 A 20140515; JP 6223777 B2 20171101; US 2014117608 A1 20140501; US 9708150 B2 20170718

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