

Title (en)

Paper Folding Device And Image Forming Apparatus

Title (de)

Papierfaltvorrichtung und Bilderzeugungsvorrichtung

Title (fr)

Dispositif de pliage de papier et appareil de formation d'images

Publication

EP 2112112 A3 20110330 (EN)

Application

EP 09156179 A 20090325

Priority

- JP 2008113977 A 20080424
- JP 2009033119 A 20090216

Abstract (en)

[origin: EP2112112A2] A disclosed paper folding device is capable of processing paper sheets consecutively and designed to stop supplying the paper sheets into a paper conveying path and to stop a paper folding process when a paper jam occurs. The paper folding device includes a paper folding unit configured to perform the paper folding process; a first paper detecting unit configured to detect a remaining paper sheet remaining at a first position in the paper conveying path when the paper jam occurs; and a remaining paper conveying unit configured to perform a conveying process for conveying the remaining paper sheet detected by the first paper detecting unit from the first position to a second position in the paper conveying path.

IPC 8 full level

B65H 45/20 (2006.01)

CPC (source: EP)

B65H 45/20 (2013.01); **B65H 2511/528** (2013.01); **B65H 2601/11** (2013.01); **B65H 2801/27** (2013.01)

Citation (search report)

- [A] US 2006205580 A1 20060914 - SEKINE NORIAKI [JP], et al
- [A] EP 0869401 A2 19981007 - XEROX CORP [US]
- [AD] JP H05238595 A 19930917 - FUJI XEROX CO LTD

Cited by

US2010289207A1; US8979089B2; US2013244848A1; US9108820B2

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2112112 A2 20091028; **EP 2112112 A3 20110330**; **EP 2112112 B1 20130227**; ES 2408959 T3 20130624; JP 2009282498 A 20091203; JP 5580539 B2 20140827

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