

Title (en)

FOLDING DEVICE COMPRISING UPSTREAM OR DOWNSTREAM BLADE SHAFTS OR COMPARABLE TOOL SHAFTS

Title (de)

FALZVORRICHTUNG MIT VOR- ODER NACHGELAGERTEN MESSER- ODER VERGLEICHBAREN WERKZEUGWELLEN

Title (fr)

DISPOSITIF DE PLIAGE PRÉSENTANT DES ARBRES D'OUTILS DE COUPE OU ANALOGUES MONTÉS EN AMONT OU EN AVAL

Publication

**EP 2279145 A1 20110202 (DE)**

Application

**EP 09745451 A 20090513**

Priority

- DE 2009000660 W 20090513
- DE 202008006530 U 20080514

Abstract (en)

[origin: WO2009138067A1] A device (10) for folding a paper web (28) comprises a pair of tool shafts (24, 26) carrying circular blades (70, 74) which pair is arranged upstream or downstream of its folding rollers (16, 18, 20, 22). The circular blades (70, 74) and/or the transport roller units (40, 50) can be rotatively driven for transporting the paper web at the same web running speed in the region of the tool shafts (24, 26) and in that of the folding rollers in such a manner that the speed components of the circular blades (70, 74) in the web running direction are at least not lower, preferably higher than the web running speed of the paper web (28).

IPC 8 full level

**B65H 35/02** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)

**B26D 1/24** (2013.01 - EP US); **B26D 1/245** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65H 45/142** (2013.01 - EP US); **B65H 45/28** (2013.01 - EP US); **B26D 5/08** (2013.01 - EP US); **B65H 2301/41487** (2013.01 - EP US)

Citation (search report)

See references of WO 2009138067A1

Cited by

CN110921400A

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)

**DE 202008006530 U1 20080724**; DE 112009001717 A5 20110421; EP 2279145 A1 20110202; EP 2279145 B1 20120815; US 2011065560 A1 20110317; WO 2009138067 A1 20091119

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