

Title (en)
Folding device

Title (de)
Falzeinrichtung

Title (fr)
Dispositif de pliage

Publication
EP 2283945 B1 20131030 (DE)

Application
EP 10171410 A 20100730

Priority
DE 202009005111 U 20090805

Abstract (en)
[origin: EP2283945A2] The device (1) has a folding tool (2) comprising a base carrier (3) and a tool head (4). The folding tool is driven by an electrical motor and comprises controllable rotary driven cylindrical and conical folding rollers and free rotatable counter rollers. The folding rollers and the counter rollers are arranged at the tool head, which is designed as a replaceable head module. The base carrier has multiple connectors for providing medium and/or energy for the tool head. The folding rollers are arranged on driving axes in a movable manner.

IPC 8 full level
B21D 39/02 (2006.01); **B21D 53/88** (2006.01)

CPC (source: EP)
B21D 39/021 (2013.01); **B21D 53/88** (2013.01)

Citation (examination)
• DE 8708142 U1 19870730
• DE 3404057 A1 19850808 - SIEGWART EMIL

Cited by
DE202015102477U1; CN114733943A; DE102015119589B4

Designated contracting state (EPC)
AL 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 SM TR

DOCDB simple family (publication)
DE 202009005111 U1 20101230; EP 2283945 A2 20110216; EP 2283945 A3 20110810; EP 2283945 B1 20131030; ES 2442894 T3 20140214

DOCDB simple family (application)
DE 202009005111 U 20090805; EP 10171410 A 20100730; ES 10171410 T 20100730