

Title (en)  
FOIL STAMPING MACHINE

Title (de)  
FOLIENPRÄGEMASCHINE

Title (fr)  
MACHINE DE GAUFRAGE DE FEUILLES

Publication  
**EP 3463887 A1 20190410 (DE)**

Application  
**EP 17725971 A 20170529**

Priority  
• DE 102016209328 A 20160530  
• EP 2017062859 W 20170529

Abstract (en)  
[origin: WO2017207471A1] A sheet-processing foil stamping machine (100) comprises a main frame (120), a stamping unit (110) which is supported by the main frame and comprises a stamping base (130) which can be moved to and fro in a linear manner and a stamping cylinder (140) which is arranged with a horizontal rotational axis above the stamping base, and a foil unit (180) with control devices for transporting at least one foil stamping web (170) through a stamping nip (145) which is formed between the stamping base and the stamping cylinder during a stamping interval. The stamping cylinder (140) is configured as a cylinder with a first gripper bar (142-1) and a second gripper bar (142-2) which is offset circumferentially with respect to the first gripper bar. The stamping cylinder is assigned a storage drum (150) for accepting and transferring printing material sheets (B1, B2, B3) between the stamping cylinder (140) and the storage drum (150). A height adjustment device is provided with an actuating drive (138) for adjusting the height of the stamping base (130) in relation to the main frame (120).

IPC 8 full level  
**B41F 16/00** (2006.01); **B41F 19/02** (2006.01); **B41F 19/04** (2006.01); **B41F 19/06** (2006.01); **B44B 5/00** (2006.01)

CPC (source: EP)  
**B41F 16/004** (2013.01); **B41F 16/0046** (2013.01); **B41F 19/064** (2013.01); **B41F 19/068** (2013.01); **B44B 5/0028** (2013.01); **B44B 5/0071** (2013.01); **B41F 3/26** (2013.01)

Citation (search report)  
See references of WO 2017207471A1

Cited by  
CN113478960A

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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102016209328 A1 20171130**; CN 109641445 A 20190416; CN 109641445 B 20201204; EP 3463887 A1 20190410; EP 3463887 B1 20210217; WO 2017207471 A1 20171207

DOCDB simple family (application)  
**DE 102016209328 A 20160530**; CN 201780047521 A 20170529; EP 17725971 A 20170529; EP 2017062859 W 20170529