

Title (en)

Method for adjusting the pressing force a punching machine

Title (de)

Verfahren zum Einstellen der Presskraft einer Stanzmaschine

Title (fr)

Procédé de réglage de la force de compression d'une poinçonneuse

Publication

EP 2754541 A3 20150610 (DE)

Application

EP 13196448 A 20131210

Priority

DE 102013000299 A 20130110

Abstract (en)

[origin: EP2754541A2] The method involves providing tool data, which describes an individual structure of a cutting tool (30) including cutting and grooving tools, rubber linings, and round embossing stereotypes. Specific force data is read from a workflow connection (26). A specific pressing force is assigned to the cutting and grooving tools, the linings and stereotypes by the specific force data. A target-pressing force is calculated from the tool data and the specific force data. A pressing force (F) of a flatbed cutting and/or embossing machine (100) is adjusted to the target-pressing force. An independent claim is also included for a flatbed cutting and/or embossing machine.

IPC 8 full level

B26F 1/40 (2006.01); **B31B 1/14** (2006.01); **B31B 3/14** (2006.01); **B31F 1/07** (2006.01); **B26D 5/00** (2006.01); **B26D 7/00** (2006.01); **B26F 1/38** (2006.01); **B26F 1/44** (2006.01)

CPC (source: EP US)

B26D 5/00 (2013.01 - EP US); **B26F 1/40** (2013.01 - EP US); **B30B 12/00** (2013.01 - US); **B30B 15/0094** (2013.01 - EP US); **B26D 5/005** (2013.01 - EP US); **B26D 2007/0093** (2013.01 - EP US); **B26F 1/38** (2013.01 - EP US); **B26F 2001/4418** (2013.01 - EP US); **B31B 50/142** (2017.07 - EP US); **B31F 2201/0702** (2013.01 - EP US)

Citation (search report)

- [AD] GB 2087783 A 19820603 - WUPA MASCHF GMBH & CO
- [AD] EP 1944256 A2 20080716 - HEIDELBERGER DRUCKMASCH AG [DE]

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)

EP 2754541 A2 20140716; **EP 2754541 A3 20150610**; **EP 2754541 B1 20180530**; CN 103921306 A 20140716; CN 103921306 B 20160831; DE 102013000299 A1 20140710; ES 2682018 T3 20180918; US 2014195038 A1 20140710

DOCDB simple family (application)

EP 13196448 A 20131210; CN 201410010527 A 20140109; DE 102013000299 A 20130110; ES 13196448 T 20131210; US 201414152039 A 20140110