

Title (en)
Rotation embossing device and embossing method

Title (de)
Rotationsprägeeinrichtung und Prägeverfahren

Title (fr)
Dispositif de gaufrage rotatif et procédé de gaufrage

Publication
EP 2036712 B1 20160810 (DE)

Application
EP 08105206 A 20080902

Priority
DE 102007044217 A 20070917

Abstract (en)
[origin: EP2036712A2] The device (10) has embossing units provided with female and male dies (12, 14) and toothed wheels (15, 16). The units are connected with male and female die shafts (13, 14), which are adjustable in height. The female and male dies are coupled with each other. A locking device prevents rotation of one of the units on the female die shaft. The shafts are arranged parallel to each other. The male shaft is moved relative to the female shaft by an actuator (21) e.g. peizoactuator, such that the wheels engage with each other during an embossing process. The dies are synchronized with each other. Independent claims are also included for the following: (1) a method for positioning of embossing into a folding box (2) a method for quality control of products.

IPC 8 full level
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CPC (source: EP)
B31F 1/07 (2013.01); **B31B 50/256** (2017.07); **B31B 50/88** (2017.07); **B31F 2201/0753** (2013.01); **B31F 2201/0779** (2013.01)

Cited by
DE102010036011A1; CN103587148A; CN103057173A; EP2172329A3; CN102514031A; EP2422993A3; EP2422993A2

Designated contracting state (EPC)
CH DE ES FR IT LI

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