

Title (en)

Punching apparatus and method for using it

Title (de)

Stanzvorrichtung und Verfahren zum Betrieb davon

Title (fr)

Appareil pour le poinçonnage et méthode utilisant un tel appareil

Publication

EP 1889696 B1 20120725 (DE)

Application

EP 06016952 A 20060814

Priority

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Abstract (en)

[origin: EP1889696A1] The device has a measuring contour lying in a projection in punching direction (s) partly within another measuring contour. The former measuring contour is at a distance around 10-100 micrometer, particularly 30-50 micrometer from another measuring contour. The outlining of the stamp is formed complementary to the former measuring contour. An independent claim is also included for a method for the operation of a punching device.

IPC 8 full level

B26F 1/44 (2006.01); **B26F 1/40** (2006.01); **B26F 3/00** (2006.01)

CPC (source: EP)

B26F 1/44 (2013.01); **B26D 2007/0093** (2013.01); **B26F 1/40** (2013.01); **B26F 3/002** (2013.01); **B26F 2001/4472** (2013.01); **B26F 2001/4481** (2013.01)

Cited by

CN102229151A; DE102009013181A1; CN101823270A; CN108406938A; CN111688272A; CN116653051A; FR3006225A1; JP2020172337A; CN113560418A; CN113857345A; EP3041114A4; CN110434471A; DE102015210679A1; CN108010224A; DE102015210679B4; US2019152088A1; US10828796B2; DE102009013181B4; WO2019169509A1; EP3566834B1; EP3722217B1; EP3016786B1

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