

Title (en)

Punching apparatus and method for using it

Title (de)

Stanzvorrichtung und Verfahren zum Betrieb davon

Title (fr)

Appareil pour le poinçonage et méthode utilisant un tel appareil

Publication

**EP 1889696 B1 20120725 (DE)**

Application

**EP 06016952 A 20060814**

Priority

EP 06016952 A 20060814

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

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

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