

Title (en)

Apparatus for flanging a border of a piece by rollfolding

Title (de)

Vorrichtung zum Umlegen einer Bördelkante eines Werkstücks durch Rollfalzen

Title (fr)

Appareil pour plier le bord d'une pièce par repliage à rouleaux

Publication

EP 1162011 B1 20050824 (DE)

Application

EP 01111490 A 20010511

Priority

DE 10028706 A 20000609

Abstract (en)

[origin: EP1162011A2] The device has a tool unit moved by a drive, pref. an articulated arm robot. The tool unit (1) is held on the drive pivoted about a pivot axis (4), and is moveable through a set angle between two or more working positions. Each working position is associated with a folding roller (5,6,7), which is held turnable on the tool unit. The rollers have different jackets (11,12,13) for different functions. For a two-stage folding process, the tool unit is moved along the flange edge with its first roller in first working position, and then with the second roller in second working position.

IPC 1-7

B21D 39/02

IPC 8 full level

B21D 39/02 (2006.01)

CPC (source: EP)

B21D 39/021 (2013.01); **B21D 39/023** (2013.01)

Cited by

DE102004032392B4; EP1689562A4; GB2443076A; GB2443076B; US7637134B2; EP1685915A1; WO2007101667A1; US7934408B2

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