

Title (en)

Bending tool, in particular with offset cross-section

Title (de)

Biegewerkzeug, insbesondere mit gekröpftem Querschnitt

Title (fr)

Outil de pliage, notamment doté d'une section coudée

Publication

EP 2314394 A3 20140122 (DE)

Application

EP 10188016 A 20101019

Priority

AT 16412009 A 20091019

Abstract (en)

[origin: EP2314394A2] The tool (3) has tool arms (11) comprising side pieces (15, 16), whose common base point are laterally displaced to a tool level (14). One of the side pieces (15) is connected with head parts (8) via elastic deformable connection areas (25), where the head parts are designed as rod-shaped extension units. The side pieces are elastically deformable relative to each other under effect of reaction forces from a work-piece, where the reaction forces act in a tool level (14). One of the side pieces (15) is elastically deformable regarding the head parts and connected with one of the head parts.

IPC 8 full level

B21D 5/02 (2006.01)

CPC (source: EP)

B21D 5/0209 (2013.01)

Citation (search report)

- [X1] US 2009139296 A1 20090604 - MCCAULEY KIRK ALLEN [US]
- [X1] EP 1862233 A1 20071205 - WILA BV [NL]
- [X1] DE 19848243 A1 19990429 - KOMATSU MFG CO LTD [JP]
- [X1] DE 3712167 A1 19881027 - HANG ALBERT [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 2314394 A2 20110427; EP 2314394 A3 20140122; AT 508922 A4 20110515; AT 508922 B1 20110515

DOCDB simple family (application)

EP 10188016 A 20101019; AT 16412009 A 20091019