

Title (en)

Method for forming a workpiece

Title (de)

Verfahren zum Umformen eines Werkstücks

Title (fr)

Procédé pour former une pièce

Publication

EP 1454685 B1 20140813 (DE)

Application

EP 04002972 A 20040211

Priority

- DE 10316249 A 20030408
- DE 10309536 A 20030304

Abstract (en)

[origin: EP1454685A2] The rolling machine has a control circuit (55) connected to adjustment motors (22,23,32,33) geared to the end bearings (16-19) for the rollers (2,3). The bearings can be moved to alter the separation (w) between the rollers. Angled ridges (20,21,30,31) on the outside of the rollers are used for plastic deformation of workpieces. Each of the profiled rollers has stub shafts engaging with the bearings at each end.

IPC 8 full level

B21B 37/58 (2006.01); **B21H 1/00** (2006.01); **B21H 1/18** (2006.01)

CPC (source: EP)

B21B 37/58 (2013.01); **B21H 1/00** (2013.01); **B21H 1/18** (2013.01)

Cited by

RU2506105C2; CN113787159A

Designated contracting state (EPC)

CZ DE FR IT

DOCDB simple family (publication)

EP 1454685 A2 20040908; EP 1454685 A3 20050713; EP 1454685 B1 20140813

DOCDB simple family (application)

EP 04002972 A 20040211