

Title (en)

ROLL BENDING MACHINE FOR FORMING A RING-SHAPED PART

Title (de)

WALZMASCHINE FÜR DIE HERSTELLUNG EINES RINGFÖRMIGEN TEILS

Title (fr)

MACHINE DE ROULAGE POUR PIECE ANNULAIRE A FORMER

Publication

**EP 1024914 A1 20000809 (EN)**

Application

**EP 98950159 A 19981020**

Priority

- FR 9802241 W 19981020
- FR 9713224 A 19971022

Abstract (en)

[origin: FR2769859A1] A rolling machine , for producing an annular component (10), comprises a forming mandrel (16), a forming wheel (18), which defines, with the forming mandrel (16), a rolling envelope (19) corresponding with the final form desired for the transverse section of the annular component (10), and two thrust rollers (20) that are applied on the forming mandrel (16) on either part of the rolling envelope (19). In addition, two face control rollers (29) are provided in order to each intervene respectively on the lateral faces (13) of the annular component (10) at a distance from the rolling envelope (19). The face control rollers (29) are arranged between the thrust rollers (20) in the overall volume surrounding the outer contour of them.

IPC 1-7

**B21H 1/12**

IPC 8 full level

**B21H 1/12** (2006.01); **B21H 1/06** (2006.01)

CPC (source: EP)

**B21H 1/12** (2013.01); **B21H 1/06** (2013.01)

Citation (search report)

See references of WO 9920415A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**FR 2769859 A1 19990423**; **FR 2769859 B1 20000128**; DE 69805200 D1 20020606; DE 69805200 T2 20021024; EP 1024914 A1 20000809; EP 1024914 B1 20020502; ES 2173631 T3 20021016; WO 9920415 A1 19990429

DOCDB simple family (application)

**FR 9713224 A 19971022**; DE 69805200 T 19981020; EP 98950159 A 19981020; ES 98950159 T 19981020; FR 9802241 W 19981020