

Title (en)

APPARATUS AND METHOD FOR BENDING TUBULAR OR ROD-SHAPED MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BIEGEN ROHR- ODER STABFÖRMIGER GEGENSTÄNDE

Title (fr)

APPAREIL ET PROCEDE POUR PLIER UN MATERIAU EN FORME DE TUBE OU DE TIGE

Publication

**EP 1115516 B1 20021016 (EN)**

Application

**EP 99969360 A 19990921**

Priority

- NL 9900587 W 19990921
- NL 1010174 A 19980924

Abstract (en)

[origin: WO0016921A1] Bending apparatus in which tubular or rod-shaped material (1) is bent with the aid of a rigidly mounted roller (11) and a freely movable roller (12), which consists of only one roll. The roll may be translated in two mutually orthogonal directions and moreover may be rotated round an axis that is substantially aligned to a principal axis of the material (1) to be processed.

IPC 1-7

**B21D 7/08**

IPC 8 full level

**B21D 7/08** (2006.01)

CPC (source: EP)

**B21D 7/08** (2013.01)

Cited by

EP2628918A1

Designated contracting state (EPC)

BE DE NL

DOCDB simple family (publication)

**WO 0016921 A1 20000330**; DE 69903574 D1 20021121; DE 69903574 T2 20030731; EP 1115516 A1 20010718; EP 1115516 B1 20021016; NL 1010174 C1 20000327

DOCDB simple family (application)

**NL 9900587 W 19990921**; DE 69903574 T 19990921; EP 99969360 A 19990921; NL 1010174 A 19980924