

Title (en)
TUBE BENDING MACHINE AND ITS RIGHT AND/OR LEFT BENDING DEVICE

Title (de)
ROHRBIEGEMASCHINE UND LINKS- UND/ODER RECHTSBIEGEVORRICHTUNG

Title (fr)
MACHINE A CINTRER LES TUBES ET SON DISPOSITIF DE CINTRAGE A GAUCHE ET/OU A DROITE

Publication
EP 1458505 B1 20070221 (FR)

Application
EP 02796898 A 20021205

Priority
• FR 0204193 W 20021205
• FR 0116593 A 20011220

Abstract (en)
[origin: FR2833868A1] The tube bending machine comprises a bending arm (3) provided with a jaw support (7) which moves horizontally towards the bending head (2). The jaw support is integral with a clamping jaw (8) comprising jaws (9,11) for bending the tube (4) in a clockwise direction and a jaw for bending the tube in an anti-clockwise direction. A bending roller (12), stationary on the bending arm, comprises jaws (13,15) for bending the tube in a clockwise direction and a jaw for bending the tube in an anti-clockwise direction. The jaws are laterally offset relative to each other and on either side the bending head vertical axis. A first gib support (16) comprises jaws (18,19) for the clamped accompaniment of the tube when it is being bent in a clockwise direction and a second gib support (17) comprises a jaw (21) for clamped accompaniment of the tube when bending bent in the anti-clockwise direction.

IPC 8 full level
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CPC (source: EP US)
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Cited by
DE102017117979A1; CN107282720A; WO2019029893A1; US11484928B2; EP3842163A1; FR3105034A1; US11331708B2

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WO 03053606 A1 20030703; AT E354446 T1 20070315; CA 2467366 A1 20030703; CA 2467366 C 20090908; DE 60218339 D1 20070405; DE 60218339 T2 20071115; EP 1458505 A1 20040922; EP 1458505 B1 20070221; FR 2833868 A1 20030627; FR 2833868 B1 20040305; US 2005172690 A1 20050811; US 7213430 B2 20070508

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