

Title (en)

TURNING BENDING HEAD FOR A TUBE-BENDING MACHINE

Publication

EP 0281488 B1 19920701 (FR)

Application

EP 88420045 A 19880216

Priority

FR 8702519 A 19870217

Abstract (en)

[origin: EP0281488A1] This bending head (11) may equip machines with a single bending head or with two bending heads. A central shaft (16) is rotatably mounted, about the axis (5) of the tube to be bent (4), in a body (14) which cannot rotate. Control means (17,19,20) make it possible to change the angular position of the shaft (16), the front part (18) of which supports bending tools (26,27) placed in front of the body (14) so as to change the orientation of the bending plane. Other control means (29 to 37) serve for actuating the bending tools. <IMAGE>

IPC 1-7

B21D 7/022; **B21D 7/12**

IPC 8 full level

B21D 7/022 (2006.01); **B21D 7/12** (2006.01); **B21F 35/00** (2006.01)

CPC (source: EP)

B21D 7/022 (2013.01); **B21F 35/00** (2013.01)

Citation (examination)

FR 2311604 A1 19761217 - SHUBIN VLADIMIR [SU]

Cited by

EP0431418A3; FR2831842A1; EP1129797A3; DE19506721B9; DE19506721A1; DE19506721B4; EP0396489A3; GR890100232A; WO03039778A1; WO9200155A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0281488 A1 19880907; **EP 0281488 B1 19920701**; AT E77768 T1 19920715; DE 3872411 D1 19920806; DE 3872411 T2 19921203; ES 2032996 T3 19930301; FR 2610852 A1 19880819; FR 2610852 B1 19930702; GR 3005561 T3 19930607

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