

Title (en)
BENDING MACHINE FOR PROFILES AND CIRCULAR PIPES

Title (de)
BIEGEMASCHINE FÜR PROFILE UND RUNDROHRE

Title (fr)
CINTREUSE DESTINEE A DE PROFILES ET DES TUYAUX RONDS

Publication
EP 1490186 A1 20041229 (DE)

Application
EP 03717227 A 20030324

Priority
• DE 10214275 A 20020328
• EP 0303033 W 20030324

Abstract (en)
[origin: WO03082491A1] The invention relates to a profile roller bending machine comprising receiving, delivering, and bending units for profiles and circular pipes that are to be bent. The bending head (1) of the profile bending machine essentially comprises one pair of support rolls (18), followed by one pair of rolling rolls (17), followed by at least one bending roll (14). Said bending roll (14) is arranged in a fixed manner on a rotary disk (12), the turning center of which runs parallel to the longitudinal axis of the profile (5) that is to be bent. The rotary disk is part of a coordinate table which is movable at least in two directions that are perpendicular to each other and which is adjustable according to the bending requirements for the profile.

IPC 1-7
B21D 7/08; **B21D 9/10**

IPC 8 full level
B21D 7/08 (2006.01); **B21D 9/01** (2006.01); **B21D 9/10** (2006.01)

CPC (source: EP US)
B21D 7/08 (2013.01 - EP US); **B21D 9/10** (2013.01 - EP US)

Citation (search report)
See references of WO 03082491A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03082491 A1 20031009; CN 1649683 A 20050803; DE 10214275 A1 20031016; EP 1490186 A1 20041229; JP 2005521559 A 20050721; US 2005199033 A1 20050915

DOCDB simple family (application)
EP 0303033 W 20030324; CN 03809544 A 20030324; DE 10214275 A 20020328; EP 03717227 A 20030324; JP 2003580010 A 20030324; US 50931705 A 20050331