

Title (en)

MACHINE FOR BENDING A PROFILE IN TWO BENDING DIRECTIONS AND BENDING TOOL

Title (de)

MASCHINE ZUM BIEGEN EINES PROFILS IN ZWEI BIEGERICHTUNGEN UND BIEGEWERKZEUG DAFÜR

Title (fr)

MACHINE À CINTRER UN PROFILE SELON DEUX SENS DE CINTRAGE ET OUTILLAGE DE CINTRAGE

Publication

EP 2207637 A1 20100721 (FR)

Application

EP 08869452 A 20081014

Priority

- FR 2008001436 W 20081014
- FR 0707206 A 20071015

Abstract (en)

[origin: WO2009087297A1] The invention relates to a machine for bending a profile in two bending directions, that comprises a bending tool including at least two clamping forms (19) centred on the profile bending axis and having the shape of disks having planar junction surfaces (19a) extending in planes perpendicular to said bending axis, in which are formed two rectilinear grooves (20b, 21b) and a peripheral rebate (22b) extending between said grooves and profiled as a continuation thereof, the grooves and the rebate being adapted so that, in the joined position of the junction surfaces (19a) of two clamping forms, the joined grooves define two clamping ducts of a profile and the joined rebates define a profile-winding bearing surface extending between said clamping ducts.

IPC 8 full level

B21D 7/04 (2006.01)

CPC (source: EP US)

B21D 7/021 (2013.01 - EP US); **B21D 7/024** (2013.01 - EP US)

Citation (search report)

See references of WO 2009087297A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2922127 A1 20090417; FR 2922127 B1 20100305; AT E519548 T1 20110815; EP 2207637 A1 20100721; EP 2207637 B1 20110810;
US 2010223971 A1 20100909; US 8616036 B2 20131231; WO 2009087297 A1 20090716

DOCDB simple family (application)

FR 0707206 A 20071015; AT 08869452 T 20081014; EP 08869452 A 20081014; FR 2008001436 W 20081014; US 68288408 A 20081014