

Title (en)
Bending machine

Title (de)
Biegemaschine

Title (fr)
Cintreuse

Publication
EP 1955789 B1 20100915 (DE)

Application
EP 07002654 A 20070207

Priority
EP 07002654 A 20070207

Abstract (en)
[origin: EP1955789A1] The machine (2) has a base support (19) with a front surface facing a supply unit, and a guideway mounted longitudinally on a top surface of the base support. Two bending robots (20) in communication with the guideway are displaced along the guideway. A holding clamp is mounted on the front surface, and an auxiliary gripper is positioned proximate the clamp. A linear guideway extends outward at right angles away from the front surface, and a discharge gripper (24) is mounted on a rear surface of the base support and is laterally offset with respect to the clamp.

IPC 8 full level
B21D 7/12 (2006.01); **B21D 43/10** (2006.01); **B21F 1/00** (2006.01)

CPC (source: EP US)
B21D 7/12 (2013.01 - EP US); **B21D 43/10** (2013.01 - EP US); **B21F 1/00** (2013.01 - EP US)

Cited by
CN111659780A; CN102712029A

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

DOCDB simple family (publication)
EP 1955789 A1 20080813; **EP 1955789 B1 20100915**; AT E481190 T1 20101015; DE 502007005038 D1 20101028; ES 2347913 T3 20101125; JP 2008188675 A 20080821; JP 4808737 B2 20111102; US 2008184761 A1 20080807; US 7891225 B2 20110222

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EP 07002654 A 20070207; AT 07002654 T 20070207; DE 502007005038 T 20070207; ES 07002654 T 20070207; JP 2008021296 A 20080131; US 2774608 A 20080207