

Title (en)
Production assembly with bending press

Title (de)
Fertigungsanlage mit Biegepresse

Title (fr)
Installation de fabrication dotée d'une presse à plier

Publication
EP 2138247 A3 20120516 (DE)

Application
EP 09008189 A 20090623

Priority
AT 10002008 A 20080623

Abstract (en)
[origin: AT506296A4] The manufacturing plant (1) comprises a bending press (2) with a movable tool holder (8) for a bending tool (10), and another fixed tool holder (9) is provided for another bending tool (11) cooperating with the former bending tool. A manipulator (3) is provided, which is connected with a gripper coupling unit, which is connected with a receiving segment.

IPC 8 full level
B21D 5/02 (2006.01); **B21D 37/14** (2006.01)

CPC (source: EP)
B21D 5/0254 (2013.01); **B21D 37/145** (2013.01)

Citation (search report)
• [AD] JP S5988273 A 19840522 - AMADA CO LTD
• [AD] JP H05293552 A 19931109 - AMADA CO LTD
• [AD] DE 2844867 A1 19800430 - WIEGER MASCHBAU
• [A] EP 0530375 A1 19930310 - AMADA CO LTD [JP]
• [A] CH 668035 A5 19881130 - BEYELER MACHINES SA

Cited by
WO2022090287A1; US10189128B2; IT201600100916A1; IT201600100914A1; EP4331829A3; CN107073539A; US2017297074A1; US10532388B2; JP2014046445A; EP2893987A4; EP4186606A3; WO2015103657A1; WO2016094917A1; WO2015010704A1; WO2016055906A1; WO2018065965A1; US10350661B2; US11389854B2; WO2021032365A1; US11465189B2; AT514929A4; AT514929B1; JP2022033322A; US9579707B2; US10265748B2; WO2012103565A1; WO2022090258A1; EP4017658B1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
AT 506296 A4 20090815; AT 506296 B1 20090815; EP 2138247 A2 20091230; EP 2138247 A3 20120516; EP 2138247 B1 20141203

DOCDB simple family (application)
AT 10002008 A 20080623; EP 09008189 A 20090623