

Title (en)

DRAWING PRESS HAVING TWO COUPLABLE RAMS

Title (de)

ZIEHPRESSE MIT ZWEI KOPPELBAREN STÖBELN

Title (fr)

PRESSE D'EMBOUTISSAGE DOTÉE DE DEUX COULISSEAUX ACCOUPLABLES

Publication

EP 2686161 B1 20150304 (DE)

Application

EP 12710484 A 20120316

Priority

- DE 102011001314 A 20110316
- EP 2012054716 W 20120316

Abstract (en)

[origin: CA2829834A1] The invention relates to a drawing press (10) having a first ram (17) and a second ram (18). The first ram (17) is moved in a working direction (A) by an electromotive first ram drive (25) and the second ram (18) by an electromotive second ram drive. The drawing press (10) also has a coupling means (35) which can be switched between an uncoupling state and a coupling state. In the uncoupling state, the two rams (17), (18) can move independently of one another in the working direction (A). In the coupling state, the coupling means (35) ensures that a relative movement between the two rams (17, 18) is prevented. The drawing press (10) can therefore be operated as a single-acting or double-acting press.

IPC 8 full level

B30B 1/26 (2006.01); **B21D 22/22** (2006.01); **B21D 22/24** (2006.01); **B21D 24/12** (2006.01); **B30B 1/14** (2006.01); **B30B 15/12** (2006.01)

CPC (source: EP US)

B21D 22/20 (2013.01 - US); **B21D 22/22** (2013.01 - EP US); **B21D 22/24** (2013.01 - EP US); **B21D 24/12** (2013.01 - EP US);
B30B 1/14 (2013.01 - EP US); **B30B 15/12** (2013.01 - EP US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011001314 A1 20120920; DE 102011001314 B4 20140123; DE 102011001314 C5 20160303; BR 112013022922 A2 20161206;
CA 2829834 A1 20120920; CA 2829834 C 20160913; CN 103459133 A 20131218; CN 103459133 B 20150819; EP 2686161 A1 20140122;
EP 2686161 B1 20150304; ES 2534216 T3 20150420; MX 2013010568 A 20131202; US 2014047892 A1 20140220; US 9216448 B2 20151222;
WO 2012123583 A1 20120920

DOCDB simple family (application)

DE 102011001314 A 20110316; BR 112013022922 A 20120316; CA 2829834 A 20120316; CN 201280013202 A 20120316;
EP 12710484 A 20120316; EP 2012054716 W 20120316; ES 12710484 T 20120316; MX 2013010568 A 20120316;
US 201214005049 A 20120316