

Title (en)

Press for machining components, in particular metal components

Title (de)

Presse zum Bearbeiten von Bauteilen, insbesondere Metallteilen

Title (fr)

Presse pour l'usinage de composants, en particulier des composants métalliques

Publication

EP 2774750 B1 20181107 (EN)

Application

EP 14157139 A 20140228

Priority

IT VI20130060 A 20130308

Abstract (en)

[origin: EP2774750A1] The invention is a press (1; 101; 201; 301; 401; 501; 601) for processing a component (C), comprising a ram (2) suited to be subjected to a movement in a substantially longitudinal direction (X) against the component (C) in order to perform the processing cycle, the press (1; 101; 201; 301; 401; 501; 601) comprising a supply unit (20) suited to be connected to an electricity supply network (E) for the conversion of electrical energy into mechanical energy and a kinematic mechanism (5) associated with the ram (2) and suited to transmit the movement to the ram (2). Said press (1; 101; 201; 301; 401; 501; 601) comprises a hydraulic circuit (30; 230; 430) provided with a hydraulic motor (31) and supply means (32; 232; 432) suited to supply a hydraulic fluid for the hydraulic motor (31), said supply means (32; 232; 432) being operated by the supply unit (20) and the outlet (14) of the hydraulic motor (31) being connected to the kinematic mechanism (5).

IPC 8 full level

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CPC (source: EP)

B30B 1/14 (2013.01); **B30B 1/266** (2013.01); **B30B 15/14** (2013.01)

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- DE 19701671 A1 19980723 - MANNESMANN REXROTH AG [DE]
- JP S6282142 U 19870526

Cited by

WO2019025619A1; CN105642808A; CN110541868A; EP3437848A1; CN111183021A; JP2020529321A; AU2018311228B2; US11919209B2

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