

Title (en)

Device for adjusting the stroke of a mechanical press and method for adjusting said stroke by means of said device

Title (de)

Vorrichtung zum Einstellen des Hubes an einer mechanischen Presse und Verfahren zum Einstellen des Hubes mit dieser Vorrichtung

Title (fr)

Dispositif de réglage de la course dans une presse mécanique et procédé de réglage de la course à l'aide de ce dispositif

Publication

EP 1518667 A3 20060104 (EN)

Application

EP 04021300 A 20040908

Priority

IT MI20031783 A 20030918

Abstract (en)

[origin: EP1518667A2] A device is described which allows the stroke of a mechanical press to be adjusted, particularly during descent of the mobile part (6) and around its bottom dead centre. The device comprises, in combination with each other, a first kinematic mechanism (2) able to cause a shaft (3), for example a crankshaft, to rotate with a variable angular speed, a second kinematic mechanism (1) - driven by said shaft (3) - able to transmit the movement from said shaft (3) to the mobile part (6) of the press, a joint (4) able to uncouple the first kinematic mechanism (2) from said shaft (3) and means (5) designed to cause said shaft (3) to rotate with respect to the first kinematic mechanism (2), with the press at rest. A method of adjusting the stroke of a mechanical press by means of the device forming the subject matter of the present invention is also described.

IPC 8 full level

B30B 1/26 (2006.01)

CPC (source: EP)

B30B 1/263 (2013.01); **B30B 1/266** (2013.01)

Citation (search report)

- [X] DE 2164774 A1 19730712 - EDELHOFF WERKZEUGMASCH
- [X] DE 8336071 U1 19851212
- [X] DE 3112382 A1 19821014 - RASTER WERKZEUGMASCH RWM [DE]
- [X] FR 2097900 A5 19720303 - SCHULER GMBH L
- [X] FR 2479740 A1 19811009 - STRASBOURG SA FORGES [FR]
- [A] US 4785732 A 19881122 - CZAPKA ROBERT [DE], et al
- [A] US 6164147 A 20001226 - OEN RICHARD J [US]

Cited by

CN114985558A; EP2363215A1; US8997544B2; US8826715B2

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