Title (en)

Screw press and method for its operation

Title (de)

Spindelpresse und Verfahren zu deren Betrieb

Title (fr)

Presse à vis et son procédé de fonctionnement

Publication

EP 2065172 A1 20090603 (DE)

Application

EP 08013365 A 20080724

Priority

EP 08013365 A 20080724

Abstract (en)

The press (10) has a drive (14) i.e. sensorless drive, for releasing rotary movement of a screw (12), where control of the sensorless drive takes place as a vector control. The screw converts a delivered rotary movement into a translatory rotary movement of a part (16) of a tool in an axle direction of the screw, so that a part (18) of the tool is arranged close to the part (16) of the tool at an operation of the press during downward movement and a corresponding rotation direction of the screw. The sensorless drive is considered as SINAMICS S120offered drive system. An independent claim is also included for a method for operating a screw press.

Abstract (de)

Die Erfindung betrifft eine Spindelpresse (10) mit einer Spindel (12) und einem Antrieb (14) zum Auslösen einer Drehbewegung der Spindel (12) und ein Verfahren zum Betrieb einer derartigen Spindelpresse (10), wobei der Antrieb ein geberloser Antrieb ist bzw. ein geberloser Antrieb als Antrieb zum Auslösen der Drehbewegung der Spindel (12) verwendet wird.

IPC 8 full level

B30B 1/18 (2006.01); **B30B 15/14** (2006.01); **H02P 21/14** (2006.01)

CPC (source: EP)

B30B 1/186 (2013.01); **B30B 15/148** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08013365 A 20080724