

Title (en)
ROTARY-TABLE PRESS WITH REPLACEABLE PUNCHES

Title (de)
RUNDLAUFPRESSE MIT AUSWECHSELBAREN EINSATZSTEMPELN

Title (fr)
PRESSE A TABLE TOURNANTE POURVUE DES ETAMPES REMPLAC ABLES

Publication
EP 1165308 A1 20020102 (DE)

Application
EP 00918807 A 20000317

Priority

- DE 19913979 A 19990318
- DE 19963263 A 19991217
- EP 0002372 W 20000317

Abstract (en)
[origin: US6926511B1] The invention relates to a rotary press with anti-rotation secured shafts and exchangeable punches attached thereto. The rotary press comprises a punch turn which is universally ensured with the use of anti-rotation secured punch shafts, meaning, not only with rotation-symmetrical but also with roll-guided punches, is solved in such a way that the exchangeable punch is executed in a rotational manner, where a circumferential recess in the stem of the punch is envisaged, into which a component such as a spring thrust piece engages for the purpose of fixation, and that the shell surface of the exchangeable punch indicates a zone which interacts with a zone of the external component, either force-locking or positive locking, in such a way that the punch receives a turning movement at a defined point of the pitch circle of the punch circumference.

IPC 1-7
B30B 11/08; **B30B 15/06**

IPC 8 full level
B30B 11/08 (2006.01); **B30B 15/00** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)
B30B 11/08 (2013.01 - EP US); **B30B 15/0082** (2013.01 - EP US); **B30B 15/065** (2013.01 - EP US)

Cited by
TWI462823B

Designated contracting state (EPC)
BE DE ES FR GB IT

DOCDB simple family (publication)
US 6926511 B1 20050809; EP 1165308 A1 20020102; EP 1165308 B1 20050824; ES 2248065 T3 20060316; JP 2002539951 A 20021126; WO 0056534 A1 20000928

DOCDB simple family (application)
US 93695901 A 20011128; EP 0002372 W 20000317; EP 00918807 A 20000317; ES 00918807 T 20000317; JP 2000606417 A 20000317