

Title (en)

Method of manufacturing the head surface of a punch cooperating with a cylindrical pressure roller in a rotary press and punch obtained according to the method

Title (de)

Verfahren zur Herstellung von Kopfflächen von mit zylinderrischen Druckrollen zusammenwirkenden Stempeln für Rundlaufpressen und nach diesem Verfahren hergestellte Stempel

Title (fr)

Procédé de fabrication de la surface de la tête du poinçon qui coopère avec un rouleau de pression cylindrique pour les presses à table rotative et poinçon ainsi fabriqué

Publication

**EP 0839638 A3 19981230 (DE)**

Application

**EP 97250317 A 19971024**

Priority

DE 19646536 A 19961030

Abstract (en)

[origin: DE19646536C1] Through the effect of the cylindrical pressure roller (4) on the die (1), the cover lines (10) of the cylindrical pressure roller running through the momentary contact points between the head surface (2) of the die (1) and the cylindrical pressure roller (4) are formed by means of a tool as successive contact line shares. The contact line shares are inclined to the side of the die directed to the rotary central point (7) of the circular press by a few hundredths of a millimetre.

IPC 1-7

**B30B 11/08**; **B30B 15/06**

IPC 8 full level

**B30B 3/00** (2006.01); **B30B 11/08** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)

**B30B 11/08** (2013.01 - EP US); **B30B 15/065** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0723858 A1 19960731 - FETTE WILHELM GMBH [DE]
- [A] US 3912441 A 19751014 - SHIMADA YASUO, et al
- [A] DE 19512655 A1 19960111 - TEMIC BAYERN CHEM AIRBAG GMBH [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 409 (C - 1091) 30 July 1993 (1993-07-30)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19646536 C1 19980129**; DE 59710723 D1 20031016; EP 0839638 A2 19980506; EP 0839638 A3 19981230; EP 0839638 B1 20030910; ES 2208821 T3 20040616; JP H10156587 A 19980616; US 6056532 A 20000502

DOCDB simple family (application)

**DE 19646536 A 19961030**; DE 59710723 T 19971024; EP 97250317 A 19971024; ES 97250317 T 19971024; JP 31277497 A 19971029; US 96063897 A 19971030