

Title (en)  
Press punch for a rotary press

Title (de)  
Pressstempel für eine Rundläuferpresse

Title (fr)  
Poinçon de presse pour une presse rotative

Publication  
**EP 2269813 A3 20150121 (DE)**

Application  
**EP 10006112 A 20100612**

Priority  
DE 102009031367 A 20090702

Abstract (en)  
[origin: DE102009031367B3] The stamp (10) has a shaft (12), and a stamp head (14) arranged at an end of the shaft. A pressing area is arranged at another end of the shaft. The head has an upper reflecting surface (16), an outer cylinder surface (18) and a curved transition area (20) that is formed between the reflecting surface and the cylinder surface. The reflecting surface and the transition area form a three-dimensional surface, where a course of the three-dimensional surface is described by a mathematical function, and height of the head is decreased from the reflecting surface to the cylinder surface constantly. An independent claim is also included for a rotary tableting press comprising a press stamp.

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

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

Citation (search report)

- [X] DE 8111860 U1 19810924
- [I] JP H0584277 A 19930406 - KIKUSUI SEISAKUSHO LTD
- [A] DE 19646536 C1 19980129 - KORSCH PRESSEN GMBH [DE]
- [PX] EP 2111972 A2 20091028 - FETTE GMBH [DE]

Cited by  
DE102012012575A1; DE102016113724B4; DE102012012575B4; EP3275639A1; DE102016113724A1; US10343363B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**DE 102009031367 B3 20100902**; EP 2269813 A2 20110105; EP 2269813 A3 20150121; EP 2269813 B1 20221012; PL 2269813 T3 20230508; US 2011000272 A1 20110106; US 9821525 B2 20171121

DOCDB simple family (application)  
**DE 102009031367 A 20090702**; EP 10006112 A 20100612; PL 10006112 T 20100612; US 82094210 A 20100622