

Title (en)

Method and powder press with measurement system for determining a reference in the powder press

Title (de)

Verfahren und Pulverpresse mit Meßsystem zur Bestimmung einer Referenz bei der Pulverpresse

Title (fr)

Procédé et presse à poudre avec système de mesure pour déterminer une référence dans la presse à poudre

Publication

EP 1782943 B1 20141217 (DE)

Application

EP 06021575 A 20061014

Priority

DE 102005052158 A 20051102

Abstract (en)

[origin: EP1782943A2] The method involves manufacturing of reference die (42) or at least a reference stamp. The reference die is mounted on the die plate (14). The position of the top edge of the reference die is measured and the position value is stored with the optical measuring device which is alternatively arranged on base plate (16) or die plate. The reference die is mounted on the die plate. A sum of reference die values and reference stamp values are formed and stored as distance of the adapter plate to die plate. An independent claim is included for formation of reference with powder press.

IPC 8 full level

B30B 11/00 (2006.01); **B30B 15/00** (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP US)

B30B 11/005 (2013.01 - EP US); **B30B 15/0094** (2013.01 - EP US); **B30B 15/028** (2013.01 - EP US)

Citation (examination)

- US 4718842 A 19880112 - LABBE PHILIPPE [FR], et al
- NL 1006041 C2 19981119 - STRUYK VERWO GROEP B V [NL]
- EP 0365447 A1 19900425 - ADL AUTOMATION SARL [FR]

Cited by

US11897220B2; WO2020207645A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1782943 A2 20070509; **EP 1782943 A3 20090603**; **EP 1782943 B1 20141217**; DE 102005052158 A1 20070503; DE 102005052158 B4 20080103; US 2007096351 A1 20070503; US 7803294 B2 20100928

DOCDB simple family (application)

EP 06021575 A 20061014; DE 102005052158 A 20051102; US 58560106 A 20061024