

Title (en)

METHOD AND PRESS FOR PRESSING A COMPACT FROM AT LEAST TWO DIFFERENT METAL AND/OR CERAMIC PULVERULENT AND/OR GRANULAR MATERIALS

Title (de)

VERFAHREN UND PRESSE ZUM PRESSEN EINES PRESSKÖRPERS AUS ZUMINDEST ZWEI VERSCHIEDENEN METALLISCHEN UND/ ODER KERAMISCHEN PULVER- UND/ODER GRANULATFÖRMIGEN MATERIALIEN

Title (fr)

PROCÉDÉ ET PRESSE DE COMPRESSION D'UNE PIÈCE CONSTITUÉE D'AU MOINS DEUX MATÉRIAUX MÉTALLIQUES ET/OU CÉRAMIQUES PULVÉRULENTS ET/OU GRANULAIRES DIFFÉRENTS

Publication

**EP 2776237 B1 20160203 (DE)**

Application

**EP 12816229 A 20121109**

Priority

- DE 102011118054 A 20111109
- DE 2012001083 W 20121109

Abstract (en)

[origin: WO2013067995A1] The invention relates to a method for pressing a compact (30) from at least two different metal and/or ceramic pulverulent and/or granular materials (p1, p2, p3). A die opening (21) of a die (20) is filled with a first such material (p1) (1; 4). In the die opening (21), at least two top-side plungers (22, 24) are thereupon placed at least temporarily onto the material (p1) (2) and press plungers (22, 23, 24, 25) arranged on the underside and top side are adjusted in a pressing direction to different heights together with material columns located in between (2 - 3). After the top-side press plunger (24, 25) has been withdrawn, the second material (p2) is filled into the die opening (21) (4). As a final step, the material (p1, p2) is finally compacted by way of the at least two top-side plungers (24, 25) (9 - 10).

IPC 8 full level

**B30B 11/02** (2006.01)

CPC (source: EP)

**B30B 11/027** (2013.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102011118054 A1 20130516**; EP 2776237 A1 20140917; EP 2776237 B1 20160203; WO 2013067995 A1 20130516

DOCDB simple family (application)

**DE 102011118054 A 20111109**; DE 2012001083 W 20121109; EP 12816229 A 20121109