

Title (en)

DYNAMIC BONDING OF POWDER METALLURGY MATERIALS

Title (de)

DYNAMISCHE VERBINDUNG VON PULVERMETALLURGIEMATERIALIEN

Title (fr)

LIAISON DYNAMIQUE DES MATÉRIAUX DE LA MÉTALLURGIE DES POUDRES

Publication

EP 3187284 A1 20170705 (EN)

Application

EP 16206426 A 20161222

Priority

US 201514982450 A 20151229

Abstract (en)

A dynamic compaction process comprising providing a container (22; 116) having a non-cylindrical shape; filling said container (22; 116) with a first powder material (18; 110, 114); sealing the container (22; 116) and dynamically compacting said first powder material (18; 110, 114).

IPC 8 full level

B22F 3/08 (2006.01); **B22F 3/087** (2006.01); **B22F 5/04** (2006.01); **F01D 5/00** (2006.01)

CPC (source: EP)

B22F 3/08 (2013.01); **B22F 3/087** (2013.01); **B22F 5/04** (2013.01)

Citation (search report)

- [XII] US 2014093384 A1 20140403 - MIRONETS SERGEY [US], et al
- [X] US 3408432 A 19681029 - TUMM GUENTER W, et al
- [XII] US 2010083498 A1 20100408 - WAKADE SHEKHAR G [US], et al
- [XII] US 3220103 A 19651130 - SIMONS CHARLES C
- [A] CLYENS S ET AL: "The dynamic compaction of powdered materials", MATERIALS SCIENCE ENGINEERING, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 30, no. 2, 1 October 1977 (1977-10-01), pages 121 - 139, XP024087544, ISSN: 0025-5416, [retrieved on 19771001], DOI: 10.1016/0025-5416(77)90219-1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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