

Title (en)

SLIP AND PRESSURE CASTING OF REFRACTORY METAL BODIES

Title (de)

GLEIT- UND DRUCKGIESSEN VON FEUERFESTEN METALLKÖRPERN

Title (fr)

COULAGE EN BARBOTINE ET SOUS PRESSION DE CORPS EN MÉTAL RÉFRACTAIRE

Publication

EP 3003607 A4 20170222 (EN)

Application

EP 14806817 A 20140528

Priority

- US 201361830892 P 20130604
- US 2014039708 W 20140528

Abstract (en)

[origin: US2014356216A1] In various embodiments, powders with engineered particle-size distributions are slip or pressure casted to produce homogeneous parts without the need for additives such as flocculating or deflocculating agents.

IPC 8 full level

B22F 3/14 (2006.01); **B22F 1/052** (2022.01)

CPC (source: EP US)

B22F 1/052 (2022.01 - EP US); **B22F 3/22** (2013.01 - EP US)

Citation (search report)

- [I] US 3578478 A 19710511 - WALDO CARIG T
- [A] EP 2559678 A1 20130220 - SIEMENS AG [DE]
- [A] US 2009123690 A1 20090514 - SCHOLL ROLAND [DE], et al
- See references of WO 2014197246A1

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)

US 2014356216 A1 20141204; CN 105263655 A 20160120; EP 3003607 A1 20160413; EP 3003607 A4 20170222; EP 3003607 B1 20200527; JP 2016524044 A 20160812; KR 101675713 B1 20161111; KR 20160011675 A 20160201; TW 201507792 A 20150301; TW I599421 B 20170921; WO 2014197246 A1 20141211

DOCDB simple family (application)

US 201414288719 A 20140528; CN 201480031850 A 20140528; EP 14806817 A 20140528; JP 2016518347 A 20140528; KR 20157036868 A 20140528; TW 103118734 A 20140528; US 2014039708 W 20140528