

Title (en)
BONDCASTING PROCESS USING INVESTMENT AND SAND CASTING

Title (de)
GIESSVERFAHREN UM ZWEI TEILE ZU VERBINDEN, WELCHES FEINGIESSSEN UND SANDGIESSSEN VERWENDET

Title (fr)
PROCEDE DE CONNEXION DE DEUX PIECES PAR L'UTILISATION DE LA COULEE DE PRECISION ET DU MOULAGE EN SABLE

Publication
EP 3059030 A3 20161130 (EN)

Application
EP 16153301 A 20160129

Priority
US 201514610169 A 20150130

Abstract (en)
[origin: EP3059030A2] A method of forming a component having a plurality of parts constructed from at least two different materials includes forming a first part made from a first material, placing a sandcasting pattern in a sand molding box, filling the sand molding box with sand, removing the sandcasting pattern from the sand molding box, placing the first part in a first portion of a void in the sand with the void formed by the removal of the sandcasting pattern, filling a remaining area of the void with a second material, and allowing the second material to solidify to form a second part.

IPC 8 full level
B22D 19/02 (2006.01)

CPC (source: EP US)
B22C 9/02 (2013.01 - US); **B22D 19/02** (2013.01 - EP US); **B22D 19/04** (2013.01 - US)

Citation (search report)

- [X] US 2011297344 A1 20111208 - CAMPBELL CHRISTIAN X [US], et al
- [X] GB 2010170 A 19790627 - TRW INC
- [X] US 2894318 A 19590714 - BLOOMBERG DAVID J
- [X] US 1621002 A 19270315 - DIMBERG PAUL C

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3059030 A2 20160824; EP 3059030 A3 20161130; EP 3059030 B1 20181017; EP 3427864 A1 20190116; US 2016221077 A1 20160804

DOCDB simple family (application)
EP 16153301 A 20160129; EP 18193275 A 20160129; US 201514610169 A 20150130