

Title (en)

METHOD FOR CASTING METAL, ADAPTER UNIT AND DEVICE FOR CASTING METAL COMPRISING SUCH AN ADAPTER UNIT

Title (de)

VERFAHREN ZUM GIESSEN VON METALL, ADAPTEREINHEIT UND VORRICHTUNG ZUM GIESSEN VON METALL UMFASSEND EINE DERARTIGE ADAPTEREINHEIT

Title (fr)

PROCÉDÉ DE FONDERIE, UNITÉ ADAPTATEUR ET DISPOSITIF DE FONDERIE COMPORTANT UNE TELLE UNITÉ ADAPTATEUR

Publication

EP 3294477 A1 20180321 (DE)

Application

EP 16720147 A 20160504

Priority

- DE 102015208964 A 20150515
- EP 2016059984 W 20160504

Abstract (en)

[origin: WO2016184686A1] A method for casting metal comprises the method steps of providing molten metal (22) in a casting furnace (2), filling a casting mould (9) with the molten metal (22) from the casting furnace (2), interrupting a fluid connection between the casting furnace (2) and the casting mould (9), venting the casting furnace (2) and actively introducing air into the fluid connection. Also disclosed is an adapter unit (23) for decoupling a casting furnace (2) from a casting mould (9) with an adapter housing (25), which has a housing longitudinal axis (26), and a piston (27), which is movable along the housing longitudinal axis (26) and/or rotatable about the housing longitudinal axis (26), and also a casting device.

IPC 8 full level

B22D 18/04 (2006.01); **B22D 47/00** (2006.01)

CPC (source: EP)

B22D 18/04 (2013.01); **B22D 47/00** (2013.01)

Citation (search report)

See references of WO 2016184686A1

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)

DE 102015208964 A1 20161117; EP 3294477 A1 20180321; EP 3294477 B1 20210630; WO 2016184686 A1 20161124

DOCDB simple family (application)

DE 102015208964 A 20150515; EP 16720147 A 20160504; EP 2016059984 W 20160504