

Title (en)

Casting device with a ring main and casting method

Title (de)

Gießvorrichtung mit einer Ringleitung und Gießverfahren

Title (fr)

Dispositif de coulée doté d'une conduite annulaire et procédé de coulée

Publication

EP 2835192 B1 20190306 (DE)

Application

EP 14169896 A 20140526

Priority

DE 102013105433 A 20130527

Abstract (en)

[origin: US2014345825A1] A casting device includes a mold cavity configured to form a hollow space for a cast part, a casting chamber for a metal melt, a gating system, an annular duct for the metal melt, and at least two annular duct connections configured to connect the casting chamber to the annular duct. The annular duct is configured to be connectable with the mold cavity via the gating system.

IPC 8 full level

B22D 17/20 (2006.01); **B22D 17/22** (2006.01); **B22D 17/30** (2006.01)

CPC (source: EP US)

B22C 9/08 (2013.01 - EP US); **B22D 17/2023** (2013.01 - EP US); **B22D 17/22** (2013.01 - EP US); **B22D 17/30** (2013.01 - EP US)

Cited by

US10092950B2; WO2015144398A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102013105433 B3 20140522; CN 104174830 A 20141203; CN 104174830 B 20190326; EP 2835192 A1 20150211; EP 2835192 B1 20190306; ES 2725355 T3 20190923; US 2014345825 A1 20141127; US 9687907 B2 20170627

DOCDB simple family (application)

DE 102013105433 A 20130527; CN 201410147080 A 20140414; EP 14169896 A 20140526; ES 14169896 T 20140526; US 201414280681 A 20140519