

Title (en)

DELIVERY DEVICE FOR A METAL BATH IN A DIECASTING UNIT

Title (de)

FÖRDERVORRICHTUNG FÜR EINE METALLSCHMELZE IN EINEM SPRITZGUSSAGGREGAT

Title (fr)

DISPOSITIF D'ACHEMINEMENT D'UN MÉTAL EN FUSION DANS UNE UNITÉ DE COULÉE PAR INJECTION

Publication

EP 3233331 A2 20171025 (DE)

Application

EP 15822908 A 20151215

Priority

- DE 102014018798 A 20141219
- EP 2015002517 W 20151215

Abstract (en)

[origin: CA2971496A1] A delivery device for a metal bath in an extrusion pressure unit of, for example, a metal casting machine comprises a reservoir for the metal bath and a delivery duct inside which the metal bath is fed to a mold cavity. The delivery duct includes a cylindrical bore inside which a piston is arranged in such a way as to be axially movable. The cylindrical bore has a collection chamber for the metal bath from which the metal bath can be introduced into the mold cavity via a duct extension as a result of an axial movement of the piston. The cylindrical bore is surrounded by a first heating device that includes at least one heating element.

IPC 8 full level

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CPC (source: CN EP US)

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B22D 17/2038 (2013.01 - CN EP US); **B22D 17/30** (2013.01 - CN EP US); **B22D 17/32** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016096120A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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