

Title (en)

CONVEYOR DEVICE FOR A MOLTEN METAL IN AN INJECTION PRESSURE UNIT

Title (de)

FÖRDERVORRICHTUNG FÜR EINE METALLSCHMELZE IN EINEM SPRITZDRUCKAGGREGAT

Title (fr)

DISPOSITIF DE TRANSPORT DE MÉTAL FONDU DANS UNE UNITÉ DE PRESSION D'INJECTION

Publication

EP 3233330 B1 20190731 (DE)

Application

EP 15817065 A 20151203

Priority

- DE 102014018797 A 20141219
- EP 2015002433 W 20151203

Abstract (en)

[origin: WO2016096098A1] The invention relates to a conveyor device for a molten metal in an injection pressure unit, for example a cast metal machine, comprising a storage tank for the molten metal and a conveyor channel in which the molten metal is guided to a mould cavity. Said conveyor channel comprises a cylinder bore in which a piston having a maximum stroke, which is defined between a first position and a second position, is arranged so it can be axially adjusted. A collecting chamber for the molten metal is provided in the cylinder bore, from which the molten metal can be introduced into the mould cavity through a transporting line, following an axial displacement of the piston. An adjusting device, which can adjust the maximum stroke of the piston, is provided.

IPC 8 full level

B22D 17/04 (2006.01); **B22D 17/20** (2006.01); **B22D 17/30** (2006.01); **B22D 17/32** (2006.01)

CPC (source: EP)

B22D 17/04 (2013.01); **B22D 17/2015** (2013.01); **B22D 17/30** (2013.01); **B22D 17/32** (2013.01)

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)

DE 102014018797 A1 20160623; EP 3233330 A1 20171025; EP 3233330 B1 20190731; WO 2016096098 A1 20160623

DOCDB simple family (application)

DE 102014018797 A 20141219; EP 15817065 A 20151203; EP 2015002433 W 20151203