

Title (en)
POURING SPOUT CHANGER HAVING A DUMMY PLATE FOR A CASTING DEVICE FOR PRODUCING METALLURGIC PRODUCTS

Title (de)
GIESSROHRWECHSLER MIT BLINDPLATTE FÜR EINE GIESSVORRICHTUNG ZUM ERZEUGEN METALLURGISCHER PRODUKTE

Title (fr)
DISPOSITIF DE CHANGEMENT DE TUBE DE COULÉE DOTÉ D'UNE PLAQUE D'OBTURATION, POUR UN DISPOSITIF DE COULÉE DESTINÉ À PRODUIRE DES PRODUITS MÉTALLURGIQUES

Publication
EP 2663413 B1 20160713 (DE)

Application
EP 12701435 A 20120106

Priority
• CH 442011 A 20110111
• EP 2012000046 W 20120106

Abstract (en)
[origin: WO2012095282A1] The pouring spout changer according to the invention is characterised in that it is provided with a dummy plate (14) for closing the casting channel of the casting device in an emergency. The dummy plate (14) can be brought into the closed position by the same actuation member (11) by means of which a worn pouring spout (21) is replaced by a new pouring spout (22) during normal operation. The changing device can also be used as a casting nozzle changer, preferably with a nozzle gripper for removing the worn casting nozzles.

IPC 8 full level
B22D 41/24 (2006.01); **B22D 41/56** (2006.01); **C21C 5/46** (2006.01); **F27D 3/15** (2006.01)

CPC (source: EP KR RU US)
B22D 41/24 (2013.01 - EP US); **B22D 41/34** (2013.01 - KR); **B22D 41/56** (2013.01 - EP KR RU US); **C21C 5/4653** (2013.01 - EP US); **F27D 3/1518** (2013.01 - EP US)

Cited by
EP3760340A1; WO2021001279A1

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)
WO 2012095282 A1 20120719; AU 2012206729 A1 20130725; AU 2012206729 B2 20161103; BR 112013017225 A2 20180911; BR 112013017225 B1 20191119; CA 2822116 A1 20120719; CA 2822116 C 20201006; CN 103429368 A 20131204; CN 103429368 B 20160914; EP 2663413 A1 20131120; EP 2663413 B1 20160713; ES 2597971 T3 20170124; HU E030873 T2 20170628; JP 2014502562 A 20140203; JP 5925216 B2 20160525; KR 101829949 B1 20180219; KR 20140027925 A 20140307; MX 2013006599 A 20131206; MX 340039 B 20160623; MY 183724 A 20210310; PL 2663413 T3 20170131; RU 2013135708 A 20150220; RU 2600461 C2 20161020; UA 111482 C2 20160510; US 2013299119 A1 20131114; US 8795583 B2 20140805

DOCDB simple family (application)
EP 2012000046 W 20120106; AU 2012206729 A 20120106; BR 112013017225 A 20120106; CA 2822116 A 20120106; CN 201280005011 A 20120106; EP 12701435 A 20120106; ES 12701435 T 20120106; HU E12701435 A 20120106; JP 2013548778 A 20120106; KR 20137018098 A 20120106; MX 2013006599 A 20120106; MY PI2013002626 A 20120106; PL 12701435 T 20120106; RU 2013135708 A 20120106; UA A201309436 A 20120106; US 201213976532 A 20120106