

Title (en)

PROCESSING SYSTEM FOR PROCESSING A CAST RAW CASTING AND METHOD FOR PRODUCING A CAST COMPONENT

Title (de)

BEARBEITUNGSVORRICHTUNG ZUM BEARBEITEN EINES GEGOSSENEN GUSSROHTEILS UND VERFAHREN ZUM HERSTELLEN EINES GUSSBAUTEILS

Title (fr)

DISPOSITIF DE TRAITEMENT DESTINÉ À TRAITER UNE ÉBAUCHE DE FONDERIE COULÉE ET PROCÉDÉ DE PRODUCTION D'UNE PIÈCE MOULÉE

Publication

EP 3126077 B1 20210505 (DE)

Application

EP 15710467 A 20150311

Priority

- DE 102014205999 A 20140331
- EP 2015054998 W 20150311

Abstract (en)

[origin: WO2015150031A1] The invention relates to a processing system for processing a cast raw casting and to a casting cell and to a method for producing a cast component. The processing system has a spray system for cooling the raw casting, said spray system having at least one nozzle device for at least temporally, locally, or quantitatively variable application of a free-flowing medium to at least one section of the raw casting. The processing system also has a temperature measuring device for measuring the temperature on at least one section of the raw casting and a monitoring device for controlling and adjusting the nozzle device as a function of the measured temperature.

IPC 8 full level

B22D 30/00 (2006.01); **B22D 31/00** (2006.01)

CPC (source: CN EP US)

B22D 11/14 (2013.01 - EP US); **B22D 11/22** (2013.01 - EP US); **B22D 17/20** (2013.01 - CN); **B22D 17/32** (2013.01 - CN); **B22D 30/00** (2013.01 - EP US); **B22D 31/00** (2013.01 - CN EP US)

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 102014205999 A1 20151001; CN 105873695 A 20160817; CN 105873695 B 20180406; EP 3126077 A1 20170208; EP 3126077 B1 20210505; US 10052685 B2 20180821; US 2017014899 A1 20170119; WO 2015150031 A1 20151008

DOCDB simple family (application)

DE 102014205999 A 20140331; CN 201580003545 A 20150311; EP 15710467 A 20150311; EP 2015054998 W 20150311; US 201615277085 A 20160927