

Title (en)

CORE BOX FOR PRODUCING CASTING CORES

Title (de)

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Title (fr)

BOÎTE À NOYAU PERMETTANT DE PRODUIRE DES NOYAUX DE COULÉE

Publication

**EP 3285941 B1 20201125 (DE)**

Application

**EP 16717696 A 20160408**

Priority

- DE 102015106126 A 20150421
- IB 2016000449 W 20160408

Abstract (en)

[origin: WO2016170409A1] The invention relates to a core box (1) for producing casting cores from a moulding material which solidifies by supplying heat, comprising at least two core box parts (2, 3), which model the shape of the casting cores to be produced, and a heating device for heating the core box parts (2, 3), wherein the heating device has at least one oil line (27, 30) which is in thermal contact with at least one of the core box parts (2, 3) and is connected to an oil supply which supplies the oil line (27, 30) with a temperature-controlled oil to heat the core box part (2, 3). In order to be able to produce such an oil-heatable core box with reduced complexity and maximum freedom in the design, the invention proposes dividing at least one of the core box parts (2, 3) into a contour plate (4, 16) modelled the shape of the casting cores to be produced and a heating plate (8, 23) coupled to the contour plate (4, 16), which heating plate extends flat over the contour plate (4, 16) and in which the oil line (27, 30) is provided.

IPC 8 full level

**B22C 7/06** (2006.01)

CPC (source: EP US)

**B22C 7/06** (2013.01 - EP US); **B22C 9/10** (2013.01 - 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)

**WO 2016170409 A1 20161027; WO 2016170409 A8 20171123**; CN 107548326 A 20180105; CN 107548326 B 20221021;  
DE 102015106126 A1 20161027; EP 3285941 A1 20180228; EP 3285941 B1 20201125; EP 3285941 B8 20210317; HU E053087 T2 20210628;  
PL 3285941 T3 20210531; TW 201701967 A 20170116; TW I611850 B 20180121; US 10710149 B2 20200714; US 2018141109 A1 20180524

DOCDB simple family (application)

**IB 2016000449 W 20160408**; CN 201680023530 A 20160408; DE 102015106126 A 20150421; EP 16717696 A 20160408;  
HU E16717696 A 20160408; PL 16717696 T 20160408; TW 105111509 A 20160413; US 201615568254 A 20160408