

Title (en)

CORE BOX FOR PRODUCING CASTING CORES

Title (de)

KERNKASTEN ZUM HERSTELLEN VON GIE KERNEN

Title (fr)

BOÎTE À NOYAU PERMETTANT DE PRODUIRE DES NOYAUX DE COULÉE

Publication

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Application

EP 16717696 A 20160408

Priority

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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.

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