Title (en)

INGOT MOULD WITH MULTIPLE ANGLES FOR LOADED CONTINUOUS CASTING OF METALLURGICAL PRODUCT

Title (de)

VIELECKIGE STRANGGIESSKOKILLE FÜR METALLURGISCHE PRODUKTE

Title (fr)

LINGOTIERE PLURIANGULAIRE DE COULEE CONTINUE EN CHARGE D'UN PRODUIT METALLURGIQUE

Publication

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Application

EP 99959484 A 19991216

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Abstract (en)

[origin: US6354363B1] The invention concerns an ingot mould comprising in succession, in the direction for extracting the metallic product to be cast (7): a preheater (5) made of noncooled refractory material acting as reservoir for the melting metal to be cast and a standard cooled tubular metal element (6) for solidifying the metal. A slot (18) for injecting the shearing gas (for example Ar) is arranged between the preheater (5) and the metal clement (6) so as to emerge on the ingot mold internal periphery. The injection slot comprises means (17) for reducing the gas flow in each of the ingot mold angles, preferably formed by obstructing elements. The invention enables to reduce, even eliminate, defects encountered along the edges of the solidified cast products.

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B22D 11/04

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