

Title (en)
CONTINUOUS CASTING METHOD FOR METALS AND INGOT MOULD FOR IMPLEMENTING SAME

Title (de)
STRANGGUSSVERFAHREN VON METALLEN UND KOKILLE ZUR DURCHFÜHRUNG DIESES VERFAHRENS

Title (fr)
PROCEDE DE COULEE CONTINUE DES METAUX ET LINGOTIERE POUR SA MISE EN OEUVRE

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Application
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Abstract (en)
[origin: FR2747059A1] An ingot mould has energetically cooled metal walls (1, 3) having means in their upper portion for decreasing the intensity of the heat flow extracted from the cast metal (2), such as a coating (6, 15) of a less conductive metal than that of the walls, or grooves (31) provided in said walls. On top of the walls is provided a heat insulating feeder bush (7) associated with gas injection means terminating in nozzles distributed on the inner periphery of said ingot mould. During the casting, the free surface of the liquid metal is maintained at the same level as the feeder bush, wherein the solid skin (21) only starts to solidify at the upper edge of the metal walls (3). The invention is particularly useful for the continuous casting of steel.

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