

Title (en)

CONTINUOUS CASTING INGOT MOULD FOR THE VERTICAL CASTING OF METALS

Title (de)

VERTIKAL-STRANGGIESSKOKILLE MIT AUFSATZ

Title (fr)

LINGOTIERE DE COULEE CONTINUE POUR LA COULEE CONTINUE EN CHARGE VERTICALE DES METAUX

Publication

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Application

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Abstract (en)

[origin: US6050324A] PCT No. PCT/FR97/00547 Sec. 371 Date Jan. 22, 1999 Sec. 102(e) Date Jan. 22, 1999 PCT Filed Mar. 27, 1997 PCT Pub. No. WO97/37793 PCT Pub. Date Oct. 16, 1997The mold comprises a tubular metal component (4), made of copper or a copper alloy, cooled by water circulation against its external wall and intended to ensure that the cast metal undergoes peripheral solidification on contact with its internal wall, and an uncooled feed head (9) made of a thermally insulating refractory, intended to contain cast metal in the liquid state and sitting on top of the cooled metal component (4) and defining with it a continuous sizing passage for the cast metal. A horizontal metal annulus (16) cooled by internal circulation is added between the feed head (9) and the tubular component (4) and aligned with the internal wall of the latter.

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