

Title (en)

DEVICE FOR THE CONTINUOUS HORIZONTAL CASTING OF PROFILED MEMBERS, IN PARTICULAR OF METAL STRIPS

Title (de)

VORRICHTUNG ZUM HORIZONTAL EN STRANGGIESSEN VON PROFIL EN, INSBESONDERE VON METALLBÄNDERN

Title (fr)

DISPOSITIF POUR COULEE CONTINUE HORIZONTALE DE PROFILES, NOTAMMENT DE BANDES METALLIQUES

Publication

EP 1056558 B1 20021113 (DE)

Application

EP 99904608 A 19990217

Priority

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- AT 28498 A 19980218

Abstract (en)

[origin: US6554055B1] An apparatus for the horizontal continuous casting of profiles includes a receptacle for molten metal and an ingot mold connectable to the receptacle by a ramming frame. The ingot mold forms a casting gap having a refractory lining that cannot be wetted by the molten metal. An oscillation drive oscillates the ingot mold in a casting direction and is supported on the receptacle and on the ingot mold. A sliding guide associated with the receptacle and extending in the casting direction supports the ingot mold, and a web is arranged in a transition area between the receptacle and the ingot mold, the web being prestressed with a minimum pressure corresponding to the hydraulic pressure of the molten metal and consisting of refractory fibers that cannot be wetted by the molten metal, to provide a seal against the molten metal.

IPC 1-7

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