

Title (en)
DEVICE FOR MELTING METAL INGOTS

Publication
EP 0120776 B1 19870909 (FR)

Application
EP 84400566 A 19840320

Priority
FR 8304603 A 19830321

Abstract (en)
[origin: EP0120776A1] 1. A device for melting metal ingots, comprising a melting furnace (3), a float (5) for detecting variations in the level of the bath of molten metal in the furnace and a mechanism actuated by the float for controlling the progressive descent of the metal ingot into the bath, which device is characterized in that it comprises a rail (1) from which a plurality of metal ingots (2) can be suspended one after the other, said rail being inclined towards the surface (41) of the bath (4), in such a way that its lower end (11) is situated above the surface of the bath and in such a way that the ingots (2) slide on the rail by their own weight towards said lower end, a means (11) for retaining the ingots at the lower end of the rail and capable of delivering, when actuated, the first of the ingots adjacent to the lower end of the rail, a means (10) for hooking the ingot delivered by the retaining means (1) and being displaceable between a high position, for which it is situated in a position adjacent to the lower end of the rail, and a low position, for which it is situated at a slight distance from the surface of the bath said hooking means being moveable from its high position to its low position by the mechanism (6, 7, 8) actuated by the float (5).

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F27D 3/00

IPC 8 full level
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CPC (source: EP)
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Cited by
EP0572290A1; FR2691719A1

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