

Title (en)

Process and apparatus for charging metal ingots into a melting furnace

Title (de)

Verfahren und Anlage zum Beschicken eines Schmelzofens mit Metallblöcken

Title (fr)

Procédé et installation pour alimenter des lingots de métal dans un four de fusion

Publication

EP 0790475 B1 20020828 (EN)

Application

EP 96830259 A 19960503

Priority

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Abstract (en)

[origin: EP0790475A1] A process for charging ingots (11) of metal materials into a melting furnace (12) consists in pre-heating one single ingot by positioning it over the melting furnace mouth and plunging it into the fused material bath by a controlled lowering. Also provided is an automatic apparatus (1) for charging ingots (11) of metal materials into the melting furnace (12) which comprises at least one charge manipulator (2) consisting of a fixed support post (3), a transverse arm (4) slidably in engagement with the support post, a slide (7) slidably connected to the transverse arm, and a picking up unit (10) integral with the slide. <IMAGE>

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F27D 3/00; B22D 17/28

IPC 8 full level

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CPC (source: EP)

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Cited by

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