

Title (en)
DEVICE WITH A METALLIC CRUCIBLE

Publication
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Application
EP 90103959 A 19900301

Priority
DE 3910777 A 19890404

Abstract (en)
[origin: EP0391067A2] The invention relates to a device with a crucible (4), in which there is a metal or metal alloy, a location-dependent inductive power density being supplied to the metal or metal alloy. The crucible (4) is preferably a cooled crucible (4) with slots (12, 13) in the circumference, which is surrounded by a coil (2). The radiation pressure, which is exerted on the metal or metal alloy by the magnetic field of the coil (2), is for example location-dependent in that it corresponds to the hydrostatic pressure of the molten metal or of the molten metal alloy. <IMAGE>

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F27B 14/10; F27D 9/00; F27B 14/06

IPC 8 full level
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F27B 14/063 (2013.01 - EP US); **F27D 9/00** (2013.01 - EP US); **H05B 6/24** (2013.01 - EP US); **F27B 2014/008** (2013.01 - EP US)

Citation (search report)

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