

Title (en)
MOLD

Title (de)
FORM

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MOULE

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Application
EP 19804126 A 20190513

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Abstract (en)
[origin: WO2019221469A1] An embodiment of the present invention relates to a mold for solidifying a molten steel injected into an inner space thereof, the mold comprising: a body having an inner space; and a convex member protruding from an inner surface of the body in the direction toward the inner space, wherein the length of protrusion from the inner surface in the direction toward the inner space is reduced as it goes toward the lower side of the convex member. A mold according to embodiments of the present invention can restrict or prevent a surface defect and a break-out due to contraction of a solidification shell, compared to a conventional mold. That is, a mold according to embodiments of the present invention has an improved compensation rate with respect to contraction of a solidification shell, compared to a conventional mold. Particularly, a mold according to embodiments of the present invention has an improved compensation rate with respect to contraction of a solidification shell (C) in the direction toward a shorter side of the solidification shell (C), compared to a conventional mold. Therefore, the mold can restrict or prevent generation of a gap between an inner surface of the mold and the solidification shell, thereby restricting or preventing a solidification delay phenomenon due to the gap.

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