

Title (en)

Pouring device of molten-metal-containing vessel.

Title (de)

Giesseinrichtung einer Giesspfanne, die geschmolzenes Metall enthält.

Title (fr)

Installation de coulée pour un récipient contenant du métal liquide.

Publication

EP 0302405 A2 19890208 (EN)

Application

EP 88112308 A 19880729

Priority

JP 19279487 A 19870801

Abstract (en)

Molten metal contained in a vessel (1) such as a Bessemer type converter is tapped or poured out or stoppered by a pouring device comprising a tubular refractory structure forming a fixed lining (2) of a hole through the bottom of the vessel and having therethrough a pouring orifice (12) having an upper opening (12a) open to the vessel interior and a lower opening (12b) openable to the outside, a cooling device (13) for cooling the upper opening (12a) and the neighboring region with a cooling medium, and a stopper mechanism (17) mounted on the outer side of the vessel (1) for opening and closing the lower opening (12b) of the pouring orifice (12) thereby to pour out molten metal and to stopper the same.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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