

Title (en)

DISCHARGE AND FLOW REGULATOR FOR METALLURGICAL VESSELS AND CASTING PROCESS

Title (de)

AUSLASS- UND DURCHFLUSSREGEL-VORRICHTUNG FÜR METALLURGISCHE GEFÄSSE UND GIESSVERFAHREN

Title (fr)

REGULATEUR DE DECHARGE ET D'ECOULEMENT POUR RECIPIENTS METALLURGIQUES ET PROCEDE DE COULEE

Publication

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Application

EP 87907412 A 19871127

Priority

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- CH 478186 A 19861201

Abstract (en)

[origin: WO8804209A1] A stopper (6) secured to the lower end of a stopper rod has a faucet (13) with a radial throttle opening (14). A conoidal shut-off face (16) is provided in the stopper (6), above the throttle opening (14). The annular surface of the stopper (13), which penetrates into the outlet bore, provides an additional seal. The stopper (6) can be turned, thus influencing the direction of flow of the outflowing molten mass. The flow can thus be regulated and a high shut-off safety is obtained. Turbulences in the molten mass are further avoided, thus preventing slag from being entrained.

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IPC 8 full level

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CPC (source: EP US)

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