

Title (en)

Slide gate valve made of a refractory material for metallurgical vessels

Title (de)

Schieberverschluss aus einer feuerfesten Masse für metallurgische Behälter

Title (fr)

Dispositif de fermeture à coulisse, en matériau réfractaire, pour récipients métallurgiques

Publication

EP 0400257 B1 19960417 (EN)

Application

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Priority

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Abstract (en)

[origin: EP0400257A1] The invention refers to a slide-gate shut-off device made of refractory material, of the type having a fixed holed refractory plate (30), a sliding holed refractory plate (40) and underneath the latter a refractory sleeve joined to it (50), above the fixed refractory plate (30) a fixed refractory sleeve (20), also known as the internal pouring appliance, around which a pouring-appliance holder (11-12) is arranged. According to the invention, these refractory plates (30,40) are holed in the centre and have a double symmetry; furthermore, said internal pouring appliance (20) becomes gradually thinner towards the top, and at its lower base has a radial thickness approximately double that of the lower sliding refractory sleeve (50), known as the external pouring appliance, the radial thickness of which is approximately equal to the radius R of the casting holes in the refractory plates (30, 40).

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IPC 8 full level

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