

Title (en)
MEANS FOR PROTECTING MOLTEN METAL IN A SLIDING GATE

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Application
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Priority
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Abstract (en)
[origin: US4480770A] This invention relates to the protection of the teeming flow or stream of molten metal contained in a vessel and passing through a plate-type valve or cut-off device of the kind comprising a stationary plate and a displaceable plate that is provided with at least one output nozzle. A gas which is substantially inert with respect to the metal and has a pressure slightly higher than atmospheric pressure is fed into the aforesaid device, and this gas surrounds the metal while the latter passes through the said device, in such manner as to isolate the same from the ambient air by an uninterrupted protective gaseous barrier.

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Cited by
FR2757431A1; BE1001239A3; FR2530167A1; EP0483521A1; EA000604B1; EA000774B1; EP0587485A1; FR2695335A1; FR2564958A1; AT392348B; DE3406076A1; US4649493A; EP0446406A1; DE4007993A1; DE3342071A1; EP0171589A1; DE3406075A1; BE1004804A4; US5390902A; EP0089282A1; BE1006006A3; US4586249A; FR2529811A1; USRE33036E; WO9220480A1; WO9817421A1; WO9817420A1

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