

Title (en)
FLUSHING ARRANGEMENT FOR A METALLURGICAL VESSEL

Publication
EP 0232244 B1 19900110 (DE)

Application
EP 87890013 A 19870126

Priority
AT 24586 A 19860203

Abstract (en)
[origin: US4744546A] A flushing arrangement for a metallurgical vessel having a metal outer shell, a bottom lined with a permanent lining, on which adjacently arranged refractory bricks are applied as working lining, and pipes inserted in recesses of the bricks at predetermined sites and having flat cross sections, through which flush gas flows. In order to provide a flushing means that is simple to produce and install and offers a great safety with regard to a melt breakthrough, a rigid supply pipe for flush gas is led through the metal outer shell, reaching into the permanent lining. To its end lying in the permanent lining, at least two, yet at most four, distributing pipes are welded. They diverge from the end of the supply pipe and pass over into straight pipe sections arranged in recesses of the bricks of the working lining. The distributing pipes that are connected to one supply pipe each enclose one brick. The distance of the straight pipe sections from each other corresponds approximately to the width or length of a lining brick. Only the straight pipe sections have flat cross sections.

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IPC 8 full level
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CPC (source: EP KR US)
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