

Title (en)

A FLUSHING ARRANGEMENT FOR A METALLURGICAL VESSEL

Publication

EP 0403466 A3 19911218 (DE)

Application

EP 90890176 A 19900607

Priority

DE 3919238 A 19890613

Abstract (en)

[origin: EP0403466A2] The known pipes arranged in the inner lining of the metallurgical vessel and serving as a flushing device are pressed flat to avoid penetration of melt, whereby the pipe is stressed and can tear off or burst inside the inner lining. Moreover, the gas stream fed is fanned out widely. <??>To avoid such stresses and to obtain a sharply bundled gas jet, at least one rod-shaped insert (26), which extends in the longitudinal direction of the pipe (18) and which forms an annular gap (30) with the inner wall (29) of the pipe, is provided centrally in each pipe (18). <??>The flushing element is suitable for all metallurgical vessels, in particular for steel works converters. <IMAGE>

IPC 1-7

C21C 7/072; **C22B 9/05**

IPC 8 full level

B22D 1/00 (2006.01); **C21C 7/072** (2006.01); **C22B 9/05** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [Y] US 4449701 A 19840522 - PITZER KEN [US], et al
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- [AD] EP 0232244 A2 19870812 - VOEST ALPINE AG [AT]

Designated contracting state (EPC)

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