

Title (en)

NOZZLE ASSEMBLY FOR INTRODUCING FLUIDS INTO A MELT, AND A METHOD OF OPERATING THE NOZZLE

Title (de)

DÜSENEINRICHTUNG ZUM EINLEITEN VON MEDIEN IN EINE SCHMELZE UND VERFAHREN ZUM BETRIEB DIESER DÜSENEINRICHTUNG

Title (fr)

DISPOSITIF A TUYERE POUR L'INTRODUCTION DE MILIEUX DANS UNE MASSE EN FUSION ET PROCEDE POUR LA MISE UVRE DE CE DISPOSITIF

Publication

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Application

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Abstract (en)

[origin: WO9309255A1] The invention concerns a nozzle assembly for introducing fluids into a melt, the nozzle assembly comprising a perforated nozzle brick (3), made of refractory material, which can be inserted in the wall (1) of the melt vessel (2) and which surrounds a cylindrical element (4) holding a nozzle tube (6, 7). In order to increase the useful life of the nozzle assembly, the cylindrical element (4) is surrounded by the nozzle brick (3) so that it can move longitudinally, and the nozzle tip is replaced, as it is consumed, by pushing the cylindrical element (4) in towards the interior of the melt vessel.

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IPC 8 full level

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