

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

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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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WO 9309255 A1 19930513; AT E149574 T1 19970315; AU 2894892 A 19930607; AU 659242 B2 19950511; BR 9205420 A 19931123; CA 2099781 A1 19930507; CA 2099781 C 19980804; CN 1027596 C 19950208; CN 1074485 A 19930721; DE 4136552 A1 19930513; DE 59208130 D1 19970410; EP 0565690 A1 19931020; EP 0565690 B1 19970305; ES 2098551 T3 19970501; JP H06500162 A 19940106; JP H0781790 B2 19950906; KR 100206639 B1 19990701; KR 930703469 A 19931130; RU 2080393 C1 19970527; TR 27311 A 19950110; UA 32416 C2 20001215; US 5465942 A 19951114; ZA 928448 B 19930505

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