

Title (en)

NOZZLE WITH A WELDED LANCE HEAD FOR MELT AGITATION

Title (de)

BLASLANZE MIT ANGESCHWEISSTEM DUESENKOPF ZUM AUFBLASEN VON GAS AUF BAEDER

Title (fr)

TUYERE DE SOUFFLAGE AVEC NEZ DE LANCE SOUDE POUR LE BRASSAGE DE BAINS

Publication

EP 0833949 A1 19980408 (FR)

Application

EP 96921838 A 19960624

Priority

- BE 9600068 W 19960624
- BE 9500556 A 19950623

Abstract (en)

[origin: WO9700973A1] A metallurgical or chemical oxygen nozzle including an oxygen lance head (1) for pointing at a metallurgical melt. The nozzle comprises a front surface (40) and an assembly of at least two substantially concentric tubes (20, 30), said front surface (40) being made of electrolytic copper. The front surface (40) is joined (52) to said tubes (20, 30) by high-energy welding, the head is made of a number of head elements each of which consists of a material specifically selected for the respective head element, and said head elements are all joined by high-energy welding.

IPC 1-7

C21C 5/46

IPC 8 full level

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CPC (source: EP KR US)

C21C 5/46 (2013.01 - KR); **C21C 5/4606** (2013.01 - EP US); **C21C 5/4646** (2013.01 - EP US)

Citation (search report)

See references of WO 9700973A1

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