

Title (en)
Method for processing molten metal

Title (de)
Verfahren zur Behandlung von Schmelzmetallen

Title (fr)
Procédé au traitement de métal en fusion

Publication
EP 1988181 B1 20100901 (DE)

Application
EP 08001357 A 20080124

Priority
• DE 102007016102 A 20070403
• EP 07012518 A 20070626
• EP 08001357 A 20080124

Abstract (en)
[origin: EP1988181A1] Plasma units (5) are positioned on the bath (B) of molten metal (1), such that its surface (8) is treated by a low-temperature, atmospheric-pressure plasma. The units are designed to produce a reducing plasma at atmospheric pressure. A cover, especially a hood (2), is located above the melt vessel (B). It is constructed for vertical movement and the plasma units are fastened at or near its rear. The bath contains molten solder (1). An independent claim IS INCLUDED FOR the corresponding method.

IPC 8 full level
C22B 9/22 (2006.01); **F27B 3/08** (2006.01)

CPC (source: EP)
C22B 9/006 (2013.01); **C22B 9/226** (2013.01); **F27B 3/085** (2013.01); **F27D 7/06** (2013.01); **C22B 9/05** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1988181 A1 20081105; EP 1988181 B1 20100901; DE 102007016102 A1 20081009

DOCDB simple family (application)
EP 08001357 A 20080124; DE 102007016102 A 20070403