

Title (en)

Scraper for hot dip coating method

Title (de)

Abstreifer für Schmelztauchverfahren

Title (fr)

Racleur pour procédé de métallisation au trempé

Publication

EP 1215300 B1 20060510 (DE)

Application

EP 01128698 A 20011201

Priority

- DE 10061869 A 20001212
- DE 10128710 A 20010613

Abstract (en)

[origin: EP1215300A2] Skimming molten metal (5) from objects comprises immersing the object into a molten metal; moving the object upward from the melt; accelerating a melt stream flowing downward onto the object in an opposite direction to the upward direction of the object; and blasting the melt stream against the object. An independent claim is also included for a device for skimming molten metal from an object comprising inductors (2, 3), in which at least one inductor is immersed in the melt. Preferred Features: The melt stream is passed through a flow gap. The speed of the melt stream in the gap is regulated using different air gaps.

IPC 8 full level

C23C 2/24 (2006.01); **C23C 2/20** (2006.01)

CPC (source: EP)

C23C 2/24 (2013.01)

Cited by

JP2009030142A; JP2009030141A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1215300 A2 20020619; EP 1215300 A3 20031008; EP 1215300 B1 20060510; AT E325904 T1 20060615; DE 50109747 D1 20060614

DOCDB simple family (application)

EP 01128698 A 20011201; AT 01128698 T 20011201; DE 50109747 T 20011201