

Title (en)
Conical bubble brick

Title (de)
Spülkegel

Title (fr)
Pierre de lavage à gaz

Publication
EP 1797976 A3 20080625 (DE)

Application
EP 06021283 A 20061011

Priority
DE 102005060432 A 20051215

Abstract (en)
[origin: EP1797976A2] The rinsing cone has an internal rinsing channel with a core (1) that is surrounded by filling (4). The core is formed as separate molded part of the filling, which has a form fit external lining towards the axis. The lining is free of metallic construction units. An independent claim is also included for a method of producing rinsing cone for metallurgical containers.

IPC 8 full level
B22D 1/00 (2006.01)

CPC (source: EP)
B22D 1/005 (2013.01); **C21C 5/48** (2013.01); **F27D 3/16** (2013.01)

Citation (search report)

- [XY] EP 0080403 A1 19830601 - USINOR [FR]
- [Y] US 5573724 A 19961112 - SOOFI MADJID [US], et al
- [Y] DE 19619204 C1 19970522 - VEITSCH RADEX AG [AT]

Cited by
EP2111938A1; EP2111938B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1797976 A2 20070620; EP 1797976 A3 20080625; BR PI0605215 A 20071009; CN 101012488 A 20070808;
DE 102005060432 A1 20070621; RU 2006139774 A 20080520

DOCDB simple family (application)
EP 06021283 A 20061011; BR PI0605215 A 20061213; CN 200610162256 A 20061213; DE 102005060432 A 20051215;
RU 2006139774 A 20061110