

Title (en)

DEVICE FOR SUPPLYING ALUMINA TO AN ELECTROLYTIC CELL

Title (de)

VORRICHTUNG ZUR ZUFÜHRUNG VON ALUMINIUMOXID ZU EINER ELEKTROLYTISCHEN ZELLE

Title (fr)

DISPOSITIF D'ALIMENTATION EN ALUMINE D'UNE CUVE D'ELECTROLYSE

Publication

EP 3580373 B1 20220112 (FR)

Application

EP 18745069 A 20180122

Priority

- FR 1700067 A 20170124
- CA 2018050070 W 20180122

Abstract (en)

[origin: CA3051784A1] The present invention relates to a device (10) for supplying alumina to an electrolytic cell (100), comprising a boring part (22), a tubular sleeve (23) surrounding the boring part, the sleeve comprising a lower opening and a first gas discharge opening (25), a pipe (26) for feeding alumina into the tubular sleeve (23) comprising a second alumina feeding opening and an orifice in communication with the tubular sleeve, wherein the tubular sleeve (23) and the pipe (26) are arranged so that more than 90% of the gases entering the tubular sleeve (23) via the lower opening (24) leave the tubular sleeve (23) via the first gas discharge opening (25).

IPC 8 full level

C25C 3/14 (2006.01); **C25C 3/22** (2006.01)

CPC (source: DK EP)

C25C 3/14 (2013.01 - DK EP); **C25C 3/22** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

DOCDB simple family (publication)

FR 3062137 A1 20180727; FR 3062137 B1 20210604; AR 110840 A1 20190508; AU 2018213430 A1 20190815; AU 2018213430 B2 20230525; CA 3051784 A1 20180802; CN 110225999 A 20190910; CN 110225999 B 20210907; DK 201970524 A1 20190830; EA 037235 B1 20210225; EA 201991764 A1 20191230; EP 3580373 A1 20191218; EP 3580373 A4 20201202; EP 3580373 B1 20220112; SI 3580373 T1 20220531; WO 2018137025 A1 20180802; ZA 201904582 B 20201223

DOCDB simple family (application)

FR 1700067 A 20170124; AR P180100142 A 20180123; AU 2018213430 A 20180122; CA 2018050070 W 20180122; CA 3051784 A 20180122; CN 201880008337 A 20180122; DK PA201970524 A 20190822; EA 201991764 A 20180122; EP 18745069 A 20180122; SI 201830630 T 20180122; ZA 201904582 A 20190712