

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

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Application

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Priority

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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

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