

Title (en)

DEVICE FOR SHORT CIRCUITING ELECTROLYTIC CELL

Title (de)

EINRICHTUNG ZUM KURZSCHLIESSEN VON ELEKTROLYSEZELLEN

Title (fr)

DISPOSITIF DE COURT-CIRCUITAGE DE CELLULE D'ELECTROLYSE

Publication

**EP 1257689 A1 20021120 (FR)**

Application

**EP 01907741 A 20010209**

Priority

- FR 0100375 W 20010209
- FR 0001925 A 20000211

Abstract (en)

[origin: WO0159184A1] The invention concerns a device for short-circuiting an electrolytic cell (18), connected in series to at least another electrolytic cell in an electrolysis room, designed to be connected to the terminals of the electrolytic cells such that it is no longer powered. Said device comprises a variable resistance (20) whereof the value is defined by a controller (24) on the basis of the voltage value at the terminals of the cell detected by a sensor (22) so that said voltage should have a value at least equal to a predetermined minimum value for preventing the formation of a backward current inside the cell, said backward current being due to an electromotive force produced inside the cell when the latter is no longer powered.

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