

Title (en)
ELECTROLYSIS DEVICE

Title (de)
ELEKTROLYSEINRICHTUNG

Title (fr)
DISPOSITIF D'ÉLECTROLYSE

Publication
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Application
EP 22706762 A 20220209

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Abstract (en)
[origin: CA3216661A1] The invention relates to an electrolysis device (60) comprising a plurality of electrolysis cells (12) which are electrically connected in series and which are arranged one after the other at least partly in a stack direction (14), wherein the series circuit can be electrically coupled to an electric energy source (16); a cell supply unit (18) for supplying the electrolysis cells (12) with at least one operating fluid for an intended operation; and supply lines (24) connected to the cell supply unit (18) and to opposite ends (20, 22) of electrolysis cells (12) arranged one after the other. According to the invention, a negative electric potential (34) of the electric energy source (16) can be electrically coupled to an electric reference potential of the cell supply unit (18).

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