

Title (en)

ANODE SUPPORTING SYSTEM FOR A FUSION ELECTROLYSIS CELL

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Application

EP 80810361 A 19801124

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Abstract (en)

[origin: US4326939A] The present invention relates to an anode support system for supplying electric current to a molten salt electrolytic cell wherein a pronounced reduction or suppression of the metal wave in the cell can be achieved without increasing the interpolar distance between the metal wave and the above lying anode. The anode support system, which may comprise two horizontal anode beams which are joined together at the ends by conductor plates, is separated at least at two places and joined up again in a mechanically stable manner by means of an electrically insulating material. If the anode support system is made of a single piece then it is separated at least at one place over its whole cross section and joined up again by an insulating joint. The electrically insulated sites can be bridged in parallel by switches.

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