

Title (en)

METHOD AND APPARATUS FOR PRODUCING COMBUSTIBLE FLUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES BRENNBAREN FLUIDS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION D UN FLUIDE COMBUSTIBLE

Publication

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Application

EP 07700049 A 20070108

Priority

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Abstract (en)

[origin: WO2007080534A2] This invention relates to a method and apparatus for producing combustible fluid at an efficiency rate of above 65%. The apparatus 10 comprises an electrolysing cell 12 for electrolysing the aqueous electrolytic solution; a separator 16 where the combustible fluid and the solution is separated; a power supply 14 for supplying a DC voltage of from 1 V to 6 V; and a pump for circulating the solution through the apparatus 10. The electrolysing cell 12 includes a first electrode 18 and a second electrode 20 spaced from the first electrode 18 and a plurality of intermediate electrodes 22 disposed between the first and second electrodes 18 and 20 respectively. The power supply 14 applies the DC voltage across the electrodes 18, 20 and 22 to electrolyse the solution, while the solution is circulated through the apparatus 10.

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