

Title (en)

METHOD OF PRODUCING ORGANIC HYDROGEN PEROXIDE SOLUTIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ORGANISCHEN WASSERSTOFFPEROXIDLÖSUNGEN, SOWIE DEREN VERWENDUNG

Title (fr)

PROCEDE POUR PRODUIRE DES SOLUTIONS ORGANIQUES DE PEROXYDE D'HYDROGENE

Publication

EP 1379464 A2 20040114 (DE)

Application

EP 02724286 A 20020411

Priority

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- EP 0204052 W 20020411

Abstract (en)

[origin: DE10118460A1] Continuous production of a solution of hydrogen peroxide in a water-miscible organic solvent comprises passing the solvent and a gas comprising hydrogen (H₂), oxygen (O₂) and inert gas (with an inert gas:O₂ volume ratio of at least 2.5:1) through a reaction zone containing a noble metal catalyst; withdrawing a H₂- and O₂-depleted gas stream and recycling it to the reaction zone after adding pure H₂ and O₂; and withdrawing a liquid stream comprising the hydrogen peroxide solution.

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C01B 3/00

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