

Title (en)

METHOD FOR THE ELECTROCHEMICAL PREPARATION OF ALKANEDICARBOXYLIC ACIDS BY RING-OPENING OXIDATION USING A DOPED NI(O)OH FOAM ELECTRODE

Title (de)

VERFAHREN ZUR ELEKTROCHEMISCHEN HERSTELLUNG VON ALKANDICARBONSÄUREN DURCH RINGÖFFNENDE OXIDATION MITTELS EINER DOTIERTEN NI(O)OH SCHAUMELEKTRODE

Title (fr)

PROCÉDÉ DE FABRICATION ÉLECTROCHIMIQUE D'ACIDES ALCANICARBOXYLIQUES PAR OXYDATION AVEC OUVERTURE DE CYCLE AU MOYEN D'UNE ÉLECTRODE EN MOUSSE NI(O)OH DOPÉE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021249775A1] The invention relates to a method for electrochemically producing alkylene dicarboxylic acids by means of a ring-opening oxidation using a doped Ni(O)OH foam electrode in an aqueous alkaline solution.

Abstract (de)

Die Erfindung bezieht sich auf ein Verfahren zur elektrochemischen Herstellung von Alkylendicarbonsäuren durch ringöffnende Oxidation mittels einer dotierten Ni(O)OH Schaumelektrode in wässriger alkalischer Lösung.

IPC 8 full level

C25B 11/03 (2021.01)

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C25B 11/047 (2021.01 - EP US)

Citation (applicant)

- EP 2907898 A1 20150819 - EVONIK DEGUSSA GMBH [DE]
- US 2015225861 A1 20150813 - HOPPE CARL-FRIEDRICH [DE], et al
- JOHANNES KAULENHANS-JÜRGEN SCHÄFER, TETRAHEDRON, vol. 38, no. 22, 1982, pages 3299 - 3308
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Citation (search report)

- [YDA] EP 2907898 A1 20150819 - EVONIK DEGUSSA GMBH [DE]
- [YA] CN 109837555 A 20190604 - UNIV ZHEJIANG TECHNOLOGY
- [YA] CN 111229267 A 20200605 - UNIV HUNAN

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