

Title (en)

Process for manufacturing terephthalaldehydetetraalkylacetals.

Title (de)

Verfahren zur Herstellung von Terephthalaldehydtetraalkylacetalen.

Title (fr)

Procédé de préparation de tétraalkylacétals de téréphthalaldéhyde.

Publication

**EP 0621352 A3 19941207 (DE)**

Application

**EP 94103543 A 19940309**

Priority

DE 4308846 A 19930319

Abstract (en)

[origin: EP0621352A2] Electrochemical preparation of terephthalaldehyde tetraalkyl acetals I <IMAGE> in which R is C1-C6-alkyl, by the process of compounds (II) or their mixtures, which are formed, in addition to I and p-tolylaldehyde dialkyl acetal (III), during the electrochemical oxidation of p-xylene in the presence of a neutral supporting electrolyte or an acid in alkanolic solution, after I and, if required, part of the oxidation products II and III have largely been separated, being subjected to further electrochemical oxidation.

IPC 1-7

**C25B 3/02**

IPC 8 full level

**C25B 3/02** (2006.01); **C25B 3/23** (2021.01)

CPC (source: EP)

**C25B 3/23** (2021.01)

Citation (search report)

- [Y] EP 0522312 A1 19930113 - BASF AG [DE]
- [Y] EP 0164705 A2 19851218 - BASF AG [DE]
- [A] F. BARBA: "Electrochemical Methoxylations of Side -Chain Methoxylated p-Xylene Derivatives", ELECTROCHIMICA ACTA, vol. 29, no. 12, 1984, OXFORD GB, pages 1639 - 11641, XP026551494, DOI: doi:10.1016/0013-4686(84)89003-9

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