

Title (en)

Process for the disposal of chlorinated organic products by oxidation treatment.

Title (de)

Verfahren zur Entsorgung von chlorierten organischen Produkten durch Oxidation.

Title (fr)

Procédé pour l'élimination des produits organiques chlorés par traitement par oxydation.

Publication

EP 0593895 A1 19940427 (EN)

Application

EP 93114665 A 19930913

Priority

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- IT MI931289 A 19930616
- JP 24321193 A 19930929

Abstract (en)

A process for the disposal of chlorinated organic products, wherein said products are treated with a H₂O₂ aqueous solution in the presence of Fe(II) ions, optionally in association with other transition metal ions selected from Cu(II), Ti(IV), Mn(II), Co(II), Ni(II), W(IV) and Mo(IV), or mixtures thereof, and in the presence of a phase transfer agent. The process leads to a substantially complete oxidation of the chlorinated organic product, with formation of non-toxic substances and good mineralization degree of chlorine atoms.

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Citation (search report)

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