

Title (en)
METHOD FOR MONITORING THE OXIDATION OF ORGANIC COMPOUNDS IN AN AQUEOUS MEDIUM AND IMPLEMENTING DEVICE

Title (de)
OXIDATIONSÜBERWACHUNGSVERFAHREN FÜR ORGANISCHE VERBINDUNGEN IN WÄSSRIGEM MILIEU UND VORRICHTUNG

Title (fr)
PROCEDE DE SUIVI DE L'OXYDATION DE COMPOSES ORGANIQUES EN MILIEU AQUEUX ET DISPOSITIF DE MISE EN OEUVRE

Publication
EP 0943084 A1 19990922 (FR)

Application
EP 97948975 A 19971202

Priority

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- FR 9614937 A 19961205

Abstract (en)
[origin: FR2756926A1] The invention concerns a method and a device for monitoring the oxidation of organic compounds present in an aqueous phase, characterised in that it consists in: a) extracting liquid-solid samples taken during oxidation of an aqueous solution containing the organic compounds, on at least two phases in series, the first of which is selective and the following one is complementary or all-round; b) eluting by means of an appropriate solvent, each of the different phases respectively; c) directly analysing, without previous chromatographic fractionation, by means of a detector of chromatography liquid, the eluates derived from each phase; and d) comparing in course of time the global signals obtained, so as to determine the progress of the oxidation reaction.

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