

Title (en)
PROCESS AND APPARATUS FOR OXIDIZING ORGANIC COMPOUNDS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR OXIDATION ORGANISCHER VERBINDUNGEN

Title (fr)
PROCÉDÉ ET DISPOSITIF D'OXYDATION DE COMPOSÉS ORGANIQUES

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Application
EP 08803075 A 20080818

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Abstract (en)
[origin: WO2009024549A2] The invention relates to a process for oxidizing at least one organic substance with oxygen, comprising the following steps: (a) adding the at least one organic substance, in the form of a liquid, and an oxygen-containing gas stream to a first reaction stage, to form a reaction mixture, at least some of the oxygen reacting with the organic compound to form a reaction product, (b) adding the reaction mixture from the first reaction stage to an adiabatically operated reaction stage, in which the unreacted organic substance undergoes at least partial further reaction to form the product. The invention additionally relates to an apparatus for implementing the process.

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