

Title (en)

METHOD FOR OXIDISING HYDROCARBONS, ALCOHOLS OR KETONES USING HETEROGENEOUS CATALYSIS

Title (de)

VERFAHREN ZUR OXIDATION VON KOHLENWASSERSTOFFEN, ALKOHOLEN ODER KETONEN MITTELS HETEROGENER KATALYSE

Title (fr)

PROCEDE D'OXYDATION D'HYDROCARBURES, D'ALCOOLS OU DE CETONES PAR CATALYSE HETEROGENE

Publication

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Application

EP 96912067 A 19960404

Priority

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Abstract (en)

[origin: WO9631455A1] A method for oxidising liquid-phase hydrocarbons, alcohols or ketones in the presence of a heterogeneous catalyst. The method particularly enables the oxidation of a liquid-phase hydrocarbon, alcohol or ketone to carboxylic acid using molecular oxygen or a gas containing same, in an at least partial solvent for the desired carboxylic acid, and in the presence of a heterogeneous catalyst comprising at least manganese atoms incorporated into the crystal lattice of a molecular sieve. The liquid phase comprises a solvent generally selected from polar protic solvents and polar aprotic solvents, and particularly from carboxylic acids and esters thereof.

IPC 1-7

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IPC 8 full level

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