

Title (en)

METHOD FOR OXIDATIVE CLEAVAGE OF OLEFINS USING A HALOOXODIPEROXOMETALLATE AS A CATALYST

Title (de)

VERFAHREN ZUR OXIDATIVEN SPALTUNG VON OLEFINEN UNTER VERWENDUNG EINES HALOOXODIPEROXOMETALLATS ALS KATALYSATOR

Title (fr)

PROCEDE DE COUPURE OXYDANTE D'OLEFINES UTILISANT COMME CATALYSEUR UN HALOOXODIPEROXOMETALLATE

Publication

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Application

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Abstract (en)

[origin: WO2021053289A1] The present invention relates to a method for oxidative cleavage of a substrate consisting of at least one functionalised or non-functionalised linear olefin, in particular a mono- or polyunsaturated aliphatic carboxylic acid, or one of the esters thereof, or at least one non-functionalised cyclic olefin, using hydrogen peroxide, in the presence of a metal catalyst which consists of at least one onium halooxodiperoxometallate. It also relates to a novel catalyst consisting of a specific onium halooxodiperoxometallate which can be used, in particular, in said method.

IPC 8 full level

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