

Title (en)

METHOD FOR PREPARING CHLOROHYDRIN BY CONVERTING POLYHYDROXYLATED ALIPHATIC HYDROCARBONS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES CHLORHYDRINS DURCH UMWANDLUNG MEHRFACH HYDROXYLIERTER ALIPHATISCHER KOHLENWASSERSTOFFE

Title (fr)

PROCEDE DE PREPARATION DE CHLORHYDRINE PAR CONVERSION D'HYDROCARBURES ALIPHATIQUES POLY HYDROXYLES

Publication

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Application

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Abstract (en)

[origin: WO2006100311A2] The invention concerns a method for making an epoxide wherein halogenated ketones are formed as by-products and comprising at least one treatment designed to eliminate at least part of the halogenated ketones formed.

[origin: WO2006100311A2] Manufacturing epoxide involving halo ketone formation as a by-product, comprises eliminating at least a part of the formed halo ketone. Independent claims are also included for: (1) a device to manufacture an epoxide comprising a reactor for hypochlorinating an olefin in the reaction medium containing a chlorhydrin, a chlorination reactor of a polyhydroxylated aliphatic hydrocarbon in the reaction medium containing the chlorhydrin, and a dehydrochlorination reactor supplied with the reaction medium obtained from other reactors; (2) an azeotropic composition comprising water and chloroacetone; and (3) an epoxide containing halo ketone, present at =0.01 wt.%.

IPC 8 full level

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