

## 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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