

Title (en)

METHOD FOR CONVERTING POLYHYDROXYLATED ALIPHATIC HYDROCARBONS INTO CHLOROHYDRINS

Title (de)

VERFAHREN ZUR UMWANDLUNG MEHRFACH HYDROXYLIERTER ALIPHATISCHER KOHLENWASSERSTOFFE IN CHLORHYDRINE

Title (fr)

PROCEDE DE CONVERSION D'HYDROCARBURES ALIPHATIQUES POLY HYDROXYLES EN CHLORHYDRINES

Publication

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Application

**EP 06755273 A 20060519**

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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

**C07C 29/62** (2006.01)

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