

Title (en)

METHOD FOR MAKING A CHLOROHYDRIN STARTING WITH A POLYHYDROXYLATED ALIPHATIC HYDROCARBON

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES CHLORHYDRINS AUSGEHEND VON EINEM MEHRFACH HYDROXYLIERTEN ALIPHATISCHEN KOHLENWASSERSTOFF

Title (fr)

PROCEDE DE FABRICATION D'UNE CHLORHYDRINE AU DEPART D'UN HYDROCARBURE ALIPHATIQUE POLY HYDROXYLE

Publication

EP 1885671 A1 20080213 (FR)

Application

EP 06755267 A 20060519

Priority

- EP 2006062442 W 20060519
- EP 05104321 A 20050520
- FR 0505120 A 20050520
- US 73463505 P 20051108
- US 73465705 P 20051108
- US 73463605 P 20051108
- US 73462705 P 20051108
- US 73463405 P 20051108
- US 73465805 P 20051108
- US 73463705 P 20051108
- US 73465905 P 20051108
- EP 06755267 A 20060519

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); **C07C 31/36** (2006.01); **C07C 31/42** (2006.01)

CPC (source: EP KR US)

B01D 3/143 (2013.01 - EP US); **C07C 29/62** (2013.01 - EP KR US); **C07C 29/82** (2013.01 - EP US); **C07C 31/36** (2013.01 - KR); **C07C 31/42** (2013.01 - KR); **C07D 301/02** (2013.01 - EP); **C07D 301/06** (2013.01 - EP US); **C07D 301/26** (2013.01 - EP US); **C07D 303/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2006100314A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006100311 A2 20060928; WO 2006100311 A3 20061123; BR PI0610744 A2 20121030; BR PI0610745 A2 20121030; BR PI0610746 A2 20121030; BR PI0610748 A2 20130402; BR PI0610751 A2 20101109; BR PI0610789 A2 20101109; BR PI0610791 A2 20101103; BR PI0610799 A2 20101109; CA 2608715 A1 20060928; CA 2608719 A1 20060928; CA 2608720 A1 20060928; CA 2608722 A1 20060928; CA 2608723 A1 20060928; CA 2608725 A1 20061012; CA 2608732 A1 20061012; CA 2608816 A1 20061012; CA 2608937 A1 20060928; CA 2608946 A1 20060928; CA 2608946 C 20140325; CA 2608953 A1 20060928; CA 2608956 A1 20060928; CA 2608961 A1 20060928; CA 2608961 C 20140930; CN 101006037 A 20070725; CN 101006037 B 20101110; CN 101006068 A 20070725; CN 101006068 B 20110608; CN 101031532 A 20070905; CN 101031532 B 20101110; CN 101052606 A 20071010; CN 101052606 B 20111221; CN 101098843 A 20080102; CN 101098843 B 20120411; CN 101107208 A 20080116; CN 101107208 B 20120111; CN 102531841 A 20120704; CN 102603474 A 20120725; CN 102603475 A 20120725; CN 102659511 A 20120912; CN 102690168 A 20120926; CN 1993306 A 20070704; CN 1993306 B 20120704; CN 1993307 A 20070704; CN 1993307 B 20120411; EA 013681 B1 20100630; EA 014241 B1 20101029; EA 017149 B1 20121030; EA 018478 B1 20130830; EA 018479 B1 20130830; EA 200702546 A1 20080428; EA 200702548 A1 20080630; EA 200702549 A1 20080630; EA 200702550 A1 20080630; EA 200702551 A1 20080630; EA 200702552 A1 20080630; EA 200702553 A1 20080630; EA 200702554 A1 20080630; EA 200702555 A1 20080630; EA 200702556 A1 20080630; EA 200702561 A1 20080428; EA 200702562 A1 20080428; EA 200702564 A1 20080428; EA 200702565 A1 20080428; EA 201300253 A1 20131129; EP 1885671 A1 20080213; EP 1885672 A2 20080213; EP 1885673 A1 20080213; EP 1885673 B1 20150812; EP 1885674 A1 20080213; EP 1885675 A1 20080213; EP 1885676 A2 20080213; EP 1885677 A2 20080213; EP 1885678 A1 20080213; EP 1885705 A2 20080213; EP 1885705 B1 20190213; EP 1885706 A2 20080213; EP 1890988 A2 20080227; EP 1891032 A2 20080227; EP 1904427 A2 20080402; EP 2275417 A2 20110119; EP 2275417 A3 20110309; EP 2284162 A2 20110216; EP 2284162 A3 20110316; EP 2284162 B1 20161102; EP 2284163 A2 20110216; EP 2284163 A3 20110309; JP 2008540608 A 20081120; JP 2008540609 A 20081120; JP 2008540610 A 20081120; JP 2008540611 A 20081120; JP 2008540613 A 20081120; JP 2008540614 A 20081120; JP 2008540615 A 20081120; JP 2008540616 A 20081120; JP 2008540617 A 20081120; JP 2008545640 A 20081218; JP 2008545641 A 20081218; JP 2008545642 A 20081218; JP 2008545643 A 20081218; JP 5179351 B2 20130410; JP 5259390 B2 20130807; JP 5280842 B2 20130904; JP 5405821 B2 20140205; JP 5419446 B2 20140219; JP 5551359 B2 20140716; JP 5777268 B2 20150909; KR 100978436 B1 20100826; KR 100979371 B1 20100831; KR 100982605 B1 20100915; KR 100982618 B1 20100915; KR 101331367 B1 20131119; KR 101337048 B1 20131205; KR 101345965 B1 20140102; KR 20080019006 A 20080229; KR 20080019007 A 20080229; KR 20080019008 A 20080229; KR 20080019009 A 20080229; KR 20080019010 A 20080229; KR 20080036554 A 20080428; KR 20080037616 A 20080430; MX 2007014514 A 20080205; MX 2007014516 A 20080205; MX 2007014523 A 20080205; MX 2007014525 A 20080205; MX 2007014527 A 20080207; MX 2007014530 A 20080205; MX 2007014532 A 20080207; MY 148295 A 20130329; MY 148345 A 20130329; MY 148378 A 20130415; MY 158842 A 20161115; TW 200642999 A 20061216; TW 200700359 A 20070101; TW 200700360 A 20070101; TW 200700361 A 20070101; TW 200700362 A 20070101;

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DOCDB simple family (application)

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