

Title (en)

PROCESS FOR PRODUCING CATALYST FOR OXIDATION OF ETHYLENE TO ETHYLENE OXIDE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KATALYSATORS ZUR OXIDATION VON ETHEN ZU ETHYLENOXID

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN CATALYSEUR POUR L'OXYDATION D'ÉTHYLÈNE EN OXYDE D'ÉTHYLÈNE

Publication

EP 2696971 A1 20140219 (DE)

Application

EP 12770643 A 20120413

Priority

- EP 11162377 A 20110414
- IB 2012051834 W 20120413
- EP 12770643 A 20120413

Abstract (en)

[origin: WO2012140614A1] The invention relates to a method for producing a catalyst used for oxidizing ethylene to obtain ethylene oxide, comprising the steps of a) providing a carrier that has a temperature T0, contains aluminum oxide, and is impregnated with silver or a compound containing silver; and b) heating the impregnated carrier from temperature T0 to a temperature T1 at a minimum heating rate of 30 K/min. The invention also relates to the catalyst obtained using said method.

IPC 8 full level

B01J 21/00 (2006.01); **B01J 23/50** (2006.01); **B01J 35/00** (2024.01); **C07D 301/10** (2006.01)

CPC (source: EP)

B01J 23/50 (2013.01); **B01J 23/687** (2013.01); **B01J 23/688** (2013.01); **B01J 37/08** (2013.01); **C07D 301/10** (2013.01); **B01J 21/04** (2013.01); **B01J 35/612** (2024.01); **B01J 35/633** (2024.01); **B01J 35/69** (2024.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012140614 A1 20121018; CN 103608107 A 20140226; CN 103608107 B 20151125; EP 2696971 A1 20140219; EP 2696971 A4 20141126; JP 2014516310 A 20140710; JP 6062417 B2 20170118

DOCDB simple family (application)

IB 2012051834 W 20120413; CN 201280028679 A 20120413; EP 12770643 A 20120413; JP 2014504439 A 20120413