

Title (en)

METHOD FOR PRODUCING HYDROXYLAMMONIUM SALTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HYDROXYLAMMONIUMSALZEN

Title (fr)

PROCEDE DE PRODUCTION DE SELS D'HYDROXYLAMMONIUM

Publication

EP 1060124 A1 20001220 (DE)

Application

EP 99907582 A 19990302

Priority

- DE 19808939 A 19980303
- EP 9901338 W 19990302

Abstract (en)

[origin: DE19808939A1] The invention relates to a method for producing hydroxylammonium salts by means of catalytic reduction of nitrogen monoxide with hydrogen in the presence of an acid and a hydrogenating catalyst, whereby the nitrogen monoxide is purified before the catalytic reduction by at least one treatment with porous oxides based on silicon and/or aluminum or with activated carbon.

IPC 1-7

C01B 21/14; **C01B 21/24**

IPC 8 full level

C01B 21/14 (2006.01); **C01B 21/24** (2006.01); **C01B 21/26** (2006.01)

CPC (source: EP KR)

C01B 21/14 (2013.01 - KR); **C01B 21/1418** (2013.01 - EP); **C01B 21/26** (2013.01 - EP)

Citation (search report)

See references of WO 9944938A1

Designated contracting state (EPC)

BE DE ES IT NL

DOCDB simple family (publication)

DE 19808939 A1 19990909; BG 104723 A 20010531; BR 9908398 A 20001031; CN 1291962 A 20010418; CO 5060532 A1 20010730; EP 1060124 A1 20001220; ID 26109 A 20001123; JP 2002505246 A 20020219; KR 20010041538 A 20010525; PL 342760 A1 20010702; SK 12282000 A3 20010409; WO 9944938 A1 19990910

DOCDB simple family (application)

DE 19808939 A 19980303; BG 10472300 A 20000828; BR 9908398 A 19990302; CN 99803514 A 19990302; CO 99012792 A 19990302; EP 9901338 W 19990302; EP 99907582 A 19990302; ID 20001702 A 19990302; JP 2000534492 A 19990302; KR 20007009715 A 20000902; PL 34276099 A 19990302; SK 12282000 A 19990302