

Title (en)  
PROCESS FOR THE PREPARATION OF HYDROXYL AMMONIUM SALTS

Publication  
**EP 0000901 B1 19840523 (DE)**

Application  
**EP 78100630 A 19780809**

Priority  
DE 2736906 A 19770816

Abstract (en)  
[origin: EP0000901A1] 1. A process for the manufacture of hydroxylammonium sulfate by catalytically reducing nitric oxide with hydrogen in a dilute aqueous solution of sulfuric acid or ammonium bisulfate in the presence of a suspended supported platinum catalyst at an elevated temperature, wherein from 40 to 700 g of supported platinum catalyst are used per liter of reaction solution.

IPC 1-7  
**C01B 21/14**

IPC 8 full level  
**B01J 23/00** (2006.01); **B01J 27/00** (2006.01); **C01B 21/14** (2006.01)

CPC (source: EP)  
**C01B 21/1418** (2013.01)

Citation (examination)

- DD 2100036 A
- DE 1117118 B 19611116 - ORGANON NV
- DE 1667513 B2 19760102
- DE 1667045 A1 19710603 - BAYER AG
- DE 900213 C 19531221 - BASF AG

Cited by  
EP0577213A1; EP0287952A3

Designated contracting state (EPC)  
BE CH DE FR GB NL

DOCDB simple family (publication)  
**EP 0000901 A1 19790307; EP 0000901 B1 19840523**; AR 219119 A1 19800731; DE 2736906 B1 19781116; DE 2736906 C2 19791031; DE 2862408 D1 19840628; IT 1097993 B 19850831; IT 7826343 A0 19780731; JP S5463000 A 19790521; JP S5846444 B2 19831017

DOCDB simple family (application)  
**EP 78100630 A 19780809**; AR 27314478 A 19780731; DE 2736906 A 19770816; DE 2862408 T 19780809; IT 2634378 A 19780731; JP 9915478 A 19780816