

Title (en)

METHOD FOR OXIDIZING TERTIARY AMINES AND AROMATIC HETEROCYCLES CONTAINING NITROGEN

Title (de)

VERFAHREN ZUR OXIDATION VON TERTIÄREN AMINEN UND STICKSTOFF-HALTIGEN AROMATISCHEN HETEROCYCLEN

Title (fr)

PROCEDE D'OXYDATION D'AMINES TERTIAIRES ET D'HETEROCYCLES AROMATIQUES CONTENANT DE L'AZOTE

Publication

EP 1276715 A2 20030122 (DE)

Application

EP 01944994 A 20010405

Priority

- DE 10020630 A 20000427
- EP 0103873 W 20010405

Abstract (en)

[origin: WO0183430A2] The invention relates to a method for oxidizing tertiary amines and aromatic heterocycles containing nitrogen into amine oxides.

IPC 1-7

C07C 291/04; **C07D 263/20**

IPC 8 full level

B01J 19/00 (2006.01); **C07C 291/04** (2006.01); **C07D 263/20** (2006.01); **C07D 263/38** (2006.01); **B01F 13/00** (2006.01)

CPC (source: EP US)

B01J 19/0093 (2013.01 - EP US); **C07C 291/04** (2013.01 - EP US); **C07D 263/20** (2013.01 - EP US); **B01F 33/30** (2022.01 - EP US); **B01J 2219/0086** (2013.01 - EP US); **B01J 2219/00862** (2013.01 - EP US); **B01J 2219/00873** (2013.01 - EP US); **B01J 2219/00889** (2013.01 - EP US); **B01J 2219/00952** (2013.01 - EP US); **B01J 2219/00984** (2013.01 - EP US)

Citation (search report)

See references of WO 0183430A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0183430 A2 20011108; **WO 0183430 A3 20020314**; AU 6734101 A 20011112; DE 10020630 A1 20011108; EP 1276715 A2 20030122; JP 2003531885 A 20031028; TW 526189 B 20030401; US 2003078424 A1 20030424

DOCDB simple family (application)

EP 0103873 W 20010405; AU 6734101 A 20010405; DE 10020630 A 20000427; EP 01944994 A 20010405; JP 2001580859 A 20010405; TW 90109664 A 20010423; US 25847902 A 20021025