

Title (en)

METHOD FOR PRODUCING CARBOXYLIC ACIDS BY ALCOHOL OXIDATION

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CARBONSÄUREN DURCH OXIDATION VON ALKOHOLEN

Title (fr)

PROCEDE DE FABRICATION D'ACIDES CARBOXYLIQUES PAR OXYDATION DES ALCOOLS

Publication

**EP 1250302 A1 20021023 (DE)**

Application

**EP 00985260 A 20001228**

Priority

- AT 792000 A 20000119
- EP 0013307 W 20001228

Abstract (en)

[origin: WO0153240A1] The invention relates to a method for oxidising primary amino alcohols, primary or secondary alkenols or alkinols into the corresponding acids or ketones. According to said method, a primary amino alcohol or a primary or secondary alkenol or alkinol is oxidised in the form of a substrate, in the presence of an equimolar quantity of periodate or a molar excess thereof in relation to the alcoholic hydroxy groups and catalytic quantities of dichromate or CrO<sub>3</sub> and in the presence of an acid in water, a water/solvent mixture or a solvent at a temperature of -20 DEG C to +50 DEG C, to produce the corresponding acid or the corresponding ketone.

IPC 1-7

**C07C 45/30**; **C07C 49/20**; **C07C 53/00**; **C07C 57/00**

IPC 8 full level

**C07B 61/00** (2006.01); **C07C 45/30** (2006.01); **C07C 51/16** (2006.01); **C07C 51/29** (2006.01); **C07C 57/03** (2006.01); **C07C 57/18** (2006.01); **C07C 227/02** (2006.01); **C07C 229/08** (2006.01); **C07C 229/36** (2006.01); **C07C 231/12** (2006.01); **C07C 233/51** (2006.01); **C07C 233/47** (2006.01)

CPC (source: EP US)

**C07C 45/30** (2013.01 - EP US); **C07C 51/16** (2013.01 - EP US); **C07C 51/29** (2013.01 - EP US); **C07C 227/02** (2013.01 - EP US); **C07C 231/12** (2013.01 - EP US)

Citation (search report)

See references of WO 0153240A1

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 0153240 A1 20010726**; AT A792000 A 20050815; AU 2172701 A 20010731; EP 1250302 A1 20021023; JP 2003520260 A 20030702; US 2003045751 A1 20030306; US 2005090687 A1 20050428

DOCDB simple family (application)

**EP 0013307 W 20001228**; AT 792000 A 20000119; AU 2172701 A 20001228; EP 00985260 A 20001228; JP 2001553248 A 20001228; US 16884902 A 20020626; US 99052104 A 20041118