

Title (en)

METHOD FOR PREPARING ALKYL NITRITES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ALKYL-NITRITEN

Title (fr)

PROCEDE DE PREPARATION DE NITRITES D'ALKYLES

Publication

EP 1268394 A1 20030102 (FR)

Application

EP 01921463 A 20010403

Priority

- FR 0100999 W 20010403
- FR 0004231 A 20000403

Abstract (en)

[origin: WO0174754A1] The invention concerns a method for preparing alkyl nitrites of formula (I) R ONO wherein R represents a C1-C20, advantageously C2-C10 linear or branched alkyl group. The invention is characterised in that it consists in gradually and continuously adding in an aqueous medium, an alcohol of formula (II) R OH, R being as defined above, a nitrite of formula (III) M NO₂, wherein M represents a metal cation, and a strong acid, so as to form continuously said alkyl nitrite, and in continuously drawing off said alkyl nitrite thus formed from the reaction medium.

IPC 1-7

C07C 201/04

IPC 8 full level

C07B 61/00 (2006.01); **C07C 201/04** (2006.01); **C07C 203/00** (2006.01)

CPC (source: EP US)

C07C 201/04 (2013.01 - EP US)

Citation (search report)

See references of WO 0174754A1

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 0174754 A1 20011011; AU 4845201 A 20011015; EP 1268394 A1 20030102; FR 2807035 A1 20011005; FR 2807035 B1 20040903; JP 2003529576 A 20031007; US 2003149292 A1 20030807

DOCDB simple family (application)

FR 0100999 W 20010403; AU 4845201 A 20010403; EP 01921463 A 20010403; FR 0004231 A 20000403; JP 2001572449 A 20010403; US 24031903 A 20030121