

Title (en)

METHOD FOR THE PRODUCTION OF TETRAHYDROGERANYLACETONE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TETRAHYDROGERANYLACETON

Title (fr)

PROCEDE POUR PRODUIRE DE LA TETRAHYDROGERANYLACETONE

Publication

EP 1697292 A1 20060906 (DE)

Application

EP 04801223 A 20041210

Priority

- EP 2004014070 W 20041210
- DE 10359026 A 20031215

Abstract (en)

[origin: WO2005056508A1] The invention relates to a method for the production of tetrahydrogeranylacetone (tetrahydropseudoionone) by means of aldolcondensation of citral with acetone and subsequent hydrogenation. The invention also relates to the utilization of the tetrahydrogeranylacetone thus obtained for the production of phytol, isophytol, tocopherol and/or tocopherol derivatives. The invention further relates to methods for the production of tocopherols and/or tocopherol derivatives.

IPC 8 full level

C07C 49/04 (2006.01); **C07C 45/62** (2006.01); **C07C 45/74** (2006.01); **C07D 231/12** (2006.01); **C07D 231/14** (2006.01); **C07D 231/16** (2006.01);
C07D 231/18 (2006.01); **C07D 231/38** (2006.01); **C07D 231/56** (2006.01); **C07D 233/54** (2006.01); **C07D 235/06** (2006.01);
C07D 249/12 (2006.01); **C07D 257/04** (2006.01); **C07D 311/72** (2006.01); **C07D 401/12** (2006.01); **C07D 403/12** (2006.01);
C07D 409/04 (2006.01); **C07D 473/34** (2006.01)

CPC (source: EP US)

C07C 45/62 (2013.01 - EP US); **C07C 45/74** (2013.01 - EP US); **C07D 231/12** (2013.01 - EP US); **C07D 231/14** (2013.01 - EP US);
C07D 231/16 (2013.01 - EP US); **C07D 231/18** (2013.01 - EP US); **C07D 231/38** (2013.01 - EP US); **C07D 231/56** (2013.01 - EP US);
C07D 233/56 (2013.01 - EP US); **C07D 235/06** (2013.01 - EP US); **C07D 249/12** (2013.01 - EP US); **C07D 257/04** (2013.01 - EP US);
C07D 401/12 (2013.01 - EP US); **C07D 403/12** (2013.01 - EP US); **C07D 409/04** (2013.01 - EP US); **C07D 473/34** (2013.01 - EP US)

C-Set (source: EP US)

1. **C07C 45/62 + C07C 49/04**
2. **C07C 45/74 + C07C 49/203**

Citation (search report)

See references of WO 2005056508A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005056508 A1 20050623; CA 2548262 A1 20050623; CN 1894190 A 20070110; DE 10359026 A1 20050721; EP 1697292 A1 20060906;
JP 2007516250 A 20070621; US 2007167655 A1 20070719; US 7411098 B2 20080812

DOCDB simple family (application)

EP 2004014070 W 20041210; CA 2548262 A 20041210; CN 200480037435 A 20041210; DE 10359026 A 20031215; EP 04801223 A 20041210;
JP 2006543486 A 20041210; US 59633504 A 20041210