

Title (en)

NOVEL FRAGRANCE DERIVATIVES

Title (de)

NEUE DUFTSTOFFDERIVATE

Title (fr)

NOUVEAUX DERIVES DE FRAGRANCE

Publication

EP 1625106 A4 20100908 (EN)

Application

EP 04760941 A 20040507

Priority

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Abstract (en)

[origin: WO2004101472A2] A method for derivatizing aromachemical or fragrance compound containing at least one double bond in the molecular structure thereof to enhance the binding characteristics of the aromachemical or fragrance compound to metal ions without significantly affecting the odor characteristics thereof comprising converting the at least one double bond to an oxirane or thiirane group.

IPC 8 full level

C11B 9/00 (2006.01); **A23L 2/56** (2006.01); **C07D 331/02** (2006.01); **C11D 3/50** (2006.01)

CPC (source: EP GB KR)

C07D 301/14 (2013.01 - GB); **C07D 303/14** (2013.01 - GB); **C07D 331/02** (2013.01 - EP GB KR); **C11B 9/0076** (2013.01 - EP);
C11D 3/50 (2013.01 - EP)

Citation (search report)

- [X] US 4429139 A 19840131 - FEHR CHARLES [CH]
- [X] US 3166575 A 19650119 - RENE NAVES YVES, et al
- [X] US 4478865 A 19841023 - DEMOLE EDOUARD P [CH], et al
- [X] A. TOMISEK: "the synthesis of ethylene oxide-1,2-c14", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY., vol. 73, 1951, USAMERICAN CHEMICAL SOCIETY, WASHINGTON, DC., pages 4685 - 4686, XP002593408, ISSN: 0002-7863
- [X] PICKENHAGEN W ET AL, HELVETICA CHIMICA ACTA, VERLAG HELVETICA CHIMICA ACTA, BASEL, CH LNKD- DOI:10.1002/HLCA.19840670405, vol. 67, 1 January 1984 (1984-01-01), pages 947 - 952, XP002120545, ISSN: 0018-019X
- [X] H. LEININGER ET AL.: "7-thiatetacyclo[4.1.0.0,4.03,5]heptan(benzvalensulfid)", BERICHTE DER DEUTSCHEN CHEMISCHEN GESELLSCHAFT., vol. 115, no. 10, 1982, DEVERLAG CHEMIE. WEINHEIM., pages 3213 - 3223, XP002593409, ISSN: 0009-2940
- [X] SNYDER H R ET AL: "THE SYNTHESIS OF AMINO MERCAPTANS FROM OLEFIN SULFIDES", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, NEW YORK, US LNKD- DOI:10.1021/JA01203A033, vol. 69, no. 11, 1 November 1947 (1947-11-01), pages 2672 - 2674, XP002049790, ISSN: 0002-7863
- [X] YUN GAO: "ti(o-i-pr)4-mediated formation of 2,3-epithio alcohols from 2,3-epoxy alcohols.", JOURNAL OF ORGANIC CHEMISTRY., vol. 53, 1988, USAMERICAN CHEMICAL SOCIETY. EASTON., pages 4114 - 4116, XP002593410, ISSN: 0022-3263
- [X] R. W. HARTMANN ET AL.: "synthesis and evaluation of 17-aliphatic heterocycle-substituted steroidal inhibitors of 17alfa-hydroxylase/c17-20-lyase", JOURNAL OF MEDICINAL CHEMISTRY., vol. 43, no. 23, 2000, USAMERICAN CHEMICAL SOCIETY. WASHINGTON., pages 4437 - 4445, XP002593411, ISSN: 0022-2623

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