

Title (en)

METHOD FOR PREPARING NITROPYRAZOLES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NITROPYRAZOLEN

Title (fr)

PROCEDE DE PREPARATION DE NITROPYRAZOLES

Publication

**EP 3844153 A1 20210707 (FR)**

Application

**EP 19774159 A 20190830**

Priority

- FR 1800916 A 20180831
- FR 2019052007 W 20190830

Abstract (en)

[origin: WO2020043998A1] The present invention relates to a method for the sigmatropic rearrangement of a compound of formula (I) wherein R3 and R4 are as defined in the description, which consists in thermally treating said compound by microwaves.

IPC 8 full level

**C07D 231/16** (2006.01)

CPC (source: EP US)

**C07D 231/16** (2013.01 - EP US)

Citation (examination)

- GAWANDE MANOJ B. ET AL: "Microwave-Assisted Chemistry: Synthetic Applications for Rapid Assembly of Nanomaterials and Organics", ACCOUNTS OF CHEMICAL RESEARCH, vol. 47, no. 4, 25 March 2014 (2014-03-25), US, pages 1338 - 1348, XP093034380, ISSN: 0001-4842, Retrieved from the Internet <URL:https://pubs.acs.org/doi/pdf/10.1021/ar400309b> DOI: 10.1021/ar400309b
- NYFFENEGGER C ET AL: "An efficient route to polynitrogen-fused tricycles via a nitrene-mediated N-N bond formation under microwave irradiation", TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 64, no. 40, 29 September 2008 (2008-09-29), pages 9567 - 9573, XP023976407, ISSN: 0040-4020, [retrieved on 20080719], DOI: 10.1016/J.TET.2008.07.055
- See also references of WO 2020043998A1

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