

Title (en)

COMPOSITION FOR PROSTAGLANDIN TRANSPORTER INHIBITION AND RELATED THERAPEUTIC APPLICATIONS

Title (de)

ZUSAMMENSETZUNG ZUR HEMMUNG DES PROSTAGLANDIN-TRANSPORTERS UND VERWANDTE THERAPEUTISCHE ANWENDUNGEN

Title (fr)

COMPOSITION POUR L'INHIBITION DE TRANSPORTEUR DE PROSTAGLANDINES ET APPLICATIONS THÉRAPEUTIQUES ASSOCIÉES

Publication

**EP 3979817 A1 20220413 (EN)**

Application

**EP 19931817 A 20190606**

Priority

US 2019035681 W 20190606

Abstract (en)

[origin: WO2020246976A1] The present invention discloses a composition comprising Allium sativum extract standardized to contain not less than 0.3% w/w S-allylcysteine, Beta vulgaris extract standardized to contain not less than 2% w/w nitrates, Nigella sativa extract standardized to contain 0.1% - 5% w/w thymoquinone, about 0.01% - 10% w/w thymohydroquinone, about 20% - 95% w/w fatty acids, about 0.001%-3% w/w α-hederin or hederagenin, and Terminalia arjuna extract standardized to contain 3% w/w arjunoglucosides for use as a prostaglandin transporter inhibitor. The invention also discloses the use of the aforementioned composition in the therapeutic management of hypertension and cardiovascular complications.

IPC 8 full level

**A23L 2/38** (2021.01); **A23L 33/00** (2016.01); **A61K 9/20** (2006.01)

CPC (source: EP)

**A23L 2/39** (2013.01); **A23L 2/52** (2013.01); **A23L 33/105** (2016.08); **A23L 33/175** (2016.08); **A61K 36/185** (2013.01); **A61K 36/71** (2013.01); **A61K 36/8962** (2013.01); **A61P 9/00** (2018.01); **Y02A 50/30** (2018.01)

C-Set (source: EP)

1. **A61K 36/185 + A61K 2300/00**
2. **A61K 36/8962 + A61K 2300/00**
3. **A61K 36/71 + A61K 2300/00**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020246976 A1 20201210**; AU 2019449279 A1 20220203; AU 2019449279 B2 20231214; CA 3142683 A1 20201210; CN 114126420 A 20220301; EP 3979817 A1 20220413; EP 3979817 A4 20221221; JP 2022535128 A 20220804; JP 7335360 B2 20230829; ZA 202200266 B 20240828

DOCDB simple family (application)

**US 2019035681 W 20190606**; AU 2019449279 A 20190606; CA 3142683 A 20190606; CN 201980098555 A 20190606; EP 19931817 A 20190606; JP 2021572107 A 20190606; ZA 202200266 A 20220105