

Title (en)

METHOD AND COMPOSITIONS FOR TREATING RESPIRATORY PATHOLOGIES

Title (de)

VERFÄHREN UND ZUSAMMENSETZUNGEN ZUR BEHANDLUNG VON ATEMWEGSERKRANKUNGEN

Title (fr)

METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE PATHOLOGIES RESPIRATOIRES

Publication

EP 1455767 A2 20040915 (FR)

Application

EP 02805413 A 20021220

Priority

- FR 0204506 W 20021220
- FR 0116706 A 20011221
- FR 0208606 A 20020709

Abstract (en)

[origin: WO03053422A2] The invention concerns compositions and methods for treating respiratory pathologies. The invention also concerns compositions and methods for regulating pulmonary epithelium paracellular permeability. The inventive compositions and methods are based in particular on the use of agents or conditions modulating the cytoskeleton tension, more particularly compounds inhibiting contraction of the light chain of pulmonary epithelial cell myosin, in particular enterocytes. The invention is useful for preventive or curative treatment of various pathologies, such as asthma, allergies, chronic obstructive lung diseases and the like in mammals, in particular humans.

IPC 1-7

A61K 31/00; A61K 31/185; A61K 31/551; A61K 31/366; A61P 11/00; A61P 11/06

IPC 8 full level

A61K 31/00 (2006.01); **A61K 31/185** (2006.01); **A61P 11/00** (2006.01); **A61P 11/06** (2006.01)

CPC (source: EP US)

A61K 31/00 (2013.01 - EP US); **A61K 31/185** (2013.01 - EP US); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP);
A61P 37/08 (2017.12 - EP)

Citation (search report)

See references of WO 03053422A2

Citation (examination)

- EP 0956865 A1 19991117 - YOSHITOMI PHARMACEUTICAL [JP]
- DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1995, HEYWORTH ET AL.: "Naphthalenesulfonamides block neutrophil superoxide production by intact cells and in a cell-free system: is myosin light chain kinase responsible for these effects?", retrieved from STN Database accession no. 1995:859929 HCPLUS
- DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 2000, KELLEY ET AL.: "Candidate inhibitor of the volume-sensitive kinase regulating K-Cl cotransport: the myosin light chain kinase inhibitor ML-7", retrieved from STN Database accession no. 2000:812083 HCPLUS

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03053422 A2 20030703; WO 03053422 A3 20040415; AR 038042 A1 20041222; AU 2002364679 A1 20030709;
AU 2002364679 A8 20030709; CA 2470442 A1 20030703; EP 1455767 A2 20040915; FR 2833840 A1 20030627; FR 2833840 B1 20100618;
PA 8562701 A1 20040216; PE 20030853 A1 20031028; SV 2003001439 A 20031104; TW 200305447 A 20031101;
US 2003125321 A1 20030703; US 2005019314 A1 20050127; UY 27589 A1 20030530

DOCDB simple family (application)

FR 0204506 W 20021220; AR P020104998 A 20021219; AU 2002364679 A 20021220; CA 2470442 A 20021220; EP 02805413 A 20021220;
FR 0208606 A 20020709; PA 8562701 A 20021220; PE 2003000015 A 20030106; SV 2002001439 A 20021218; TW 91136815 A 20021220;
US 32495802 A 20021220; US 49809404 A 20040610; UY 27589 A 20021218