

Title (en)

DUAL PHARMACOPHORES - PDE4-MUSCARINIC ANTAGONISTICS

Title (de)

DUALE PHARMAKOPHOREN PDE4-MUSCARINISCHE ANTAGONISTEN

Title (fr)

PHARMACOPHORES DUALS, ANTAGONISTES DES RÉCEPTEURS MUSCARINIQUES ET INHIBITEURS DE L'ACTIVITÉ PDE4

Publication

**EP 2249830 A4 20120718 (EN)**

Application

**EP 09709405 A 20090205**

Priority

- US 2009033133 W 20090205
- US 2657608 P 20080206

Abstract (en)

[origin: WO2009100170A1] The present invention is directed to novel compounds of Formula (I), for treating an inflammatory or allergic diseases such as chronic obstructive pulmonary disease (COPD).

IPC 8 full level

**A01N 43/42** (2006.01); **C07D 471/04** (2006.01); **C07D 519/00** (2006.01)

CPC (source: EP)

**A61P 29/00** (2017.12); **A61P 37/08** (2017.12); **C07D 471/04** (2013.01)

Citation (search report)

- [YD] WO 2006055553 A2 20060526 - GLAXO GROUP LTD [GB], et al
- [AD] US 2006252790 A1 20061109 - ALLEN DAVID G [GB], et al
- [Y] WO 2008009735 A1 20080124 - GLAXO GROUP LTD [GB], et al
- See references of WO 2009100170A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

**WO 2009100170 A1 20090813**; EP 2249830 A1 20101117; EP 2249830 A4 20120718

DOCDB simple family (application)

**US 2009033133 W 20090205**; EP 09709405 A 20090205