

Title (en)

SUBSTITUTED 8-AMINOALKYLTHIO-XANTHINES, AND THE USE THEREOF AS INHIBITORS OF THE DIPEPTIDYL PEPTIDASE IV

Title (de)

SUBSTITUIERTE 8-AMINOALKYLTHIO-XANTHINE UND IHRE VERWENDUNG ALS INHIBITOREN DER DIPEPTIDYL PEPTIDASE IV

Title (fr)

8-AMINOALKYLTHIO-XANTHINES SUBSTITUEES AT LEUR UTILISATION COMME INHIBITEURS DE LA DIPEPTIDYLPEPTIDASE IV

Publication

**EP 1778689 A1 20070502 (DE)**

Application

**EP 05775003 A 20050719**

Priority

- EP 2005007821 W 20050719
- DE 102004037554 A 20040803

Abstract (en)

[origin: WO2006015691A1] The invention relates to substituted 8-aminoalkylthio-xanthines, to the physiologically compatible salts thereof and to the physiologically functional derivatives thereof. The invention also relates to compounds of formula (I), wherein the groups have the meaning cited in the description, in addition to the physiologically compatible salts thereof. The compounds can be used, for example, as medicaments for the prevention and treatment of type 2 diabetes.

IPC 8 full level

**C07D 473/04** (2006.01); **A61K 31/522** (2006.01); **C07D 473/06** (2006.01); **C07D 473/08** (2006.01); **C07D 473/10** (2006.01); **C07D 473/12** (2006.01)

CPC (source: EP US)

**A61P 3/00** (2017.12 - EP); **A61P 3/06** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 473/04** (2013.01 - EP US); **C07D 473/06** (2013.01 - EP US); **C07D 473/08** (2013.01 - EP US); **C07D 473/10** (2013.01 - EP US); **C07D 473/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2006015691A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2006015691 A1 20060216**; AU 2005270509 A1 20060216; BR PI0514091 A 20080527; CA 2575904 A1 20060216; DE 102004037554 A1 20060316; EP 1778689 A1 20070502; IL 180872 A0 20070704; JP 2008508331 A 20080321; MX 2007000609 A 20070330; US 2007265284 A1 20071115; US 8236810 B2 20120807

DOCDB simple family (application)

**EP 2005007821 W 20050719**; AU 2005270509 A 20050719; BR PI0514091 A 20050719; CA 2575904 A 20050719; DE 102004037554 A 20040803; EP 05775003 A 20050719; IL 18087207 A 20070122; JP 2007524212 A 20050719; MX 2007000609 A 20050719; US 62202907 A 20070111