

Title (en)  
HETEROCYCLICALLY SUBSTITUTED BENZOYLGUANIDINE, METHOD FOR THE PRODUCTION THEREOF, THE USE THEREOF AS A  
MEDICAMENT OR MEANS OF DIAGNOSIS AND A MEDICAMENT CONTAINING THE SAME

Title (de)  
HETEROCYCLISCH SUBSTITUIERTE BENZOYLGUANIDINE UND IHRE VERWENDUNG ALS NHE-INHIBITOREN

Title (fr)  
BENZOYLGUANIDINES A SUBSTITUTION HETEROCYCLIQUE ET UTILISATION EN TANT QU'INHIBITEURS DE L'ECHANGEUR SODIUM-  
HYDROGENE

Publication  
**EP 1226124 A1 20020731 (DE)**

Application  
**EP 00966135 A 20001007**

Priority  
• DE 19950898 A 19991022  
• EP 0009838 W 20001007

Abstract (en)  
[origin: DE19950898A1] Heteroaryl-substituted perfluoroalkyl-benzoylguanidine derivatives (I) are new. 3-heteroaryl-4-perfluoroalkyl-benzoylguanidine derivatives of formula (I) and their salts are new. R<1> = -(CF<sub>2</sub>)<sub>c</sub>-CF<sub>3</sub>; c = 0-3; R<2> = 1-9C heteroaryl bonded via C or N and optionally substituted with 1-3 F, Cl, CF<sub>3</sub>, CH<sub>3</sub>, OCH<sub>3</sub>, OH, NH<sub>2</sub>, NHCH<sub>3</sub> or N(CH<sub>3</sub>)<sub>2</sub>; R<3> = H, F, Cl, Br, I, CN, NO<sub>2</sub>, or 1-8C alkyl; R<4> = H, 1-4C alkyl, 1-4C alkoxy, F, Cl, Br, I, CN, or -(CF<sub>2</sub>)<sub>o</sub>-CF<sub>3</sub>; and o = 0-2. An Independent claim is also included for the preparation of compounds (I).

IPC 1-7  
**C07D 233/54**; **C07D 235/06**; **A61K 31/4164**; **A61P 9/00**

IPC 8 full level  
**C07D 233/61** (2006.01); **A61K 31/4164** (2006.01); **A61K 31/4184** (2006.01); **A61P 3/06** (2006.01); **A61P 3/10** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 13/08** (2006.01); **A61P 25/00** (2006.01); **A61P 25/02** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **C07D 233/54** (2006.01); **C07D 233/68** (2006.01); **C07D 235/06** (2006.01); **C07D 521/00** (2006.01)

CPC (source: EP US)  
**A61P 3/06** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 13/08** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/02** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **C07D 231/12** (2013.01 - EP US); **C07D 233/56** (2013.01 - EP US); **C07D 235/06** (2013.01 - EP US); **C07D 249/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 0130761A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19950898 A1 20010426**; AR 026179 A1 20030129; AU 7663000 A 20010508; CN 1373757 A 20021009; CZ 20021218 A3 20020612; EE 200200142 A 20030415; EP 1226124 A1 20020731; JP 2003512457 A 20030402; US 2001049446 A1 20011206; US 2002099222 A1 20020725; US 2003139607 A1 20030724; US 6617344 B2 20030909; WO 0130761 A1 20010503

DOCDB simple family (application)  
**DE 19950898 A 19991022**; AR P000105513 A 20001019; AU 7663000 A 20001007; CN 00812869 A 20001007; CZ 20021218 A 20001007; EE P200200142 A 20001007; EP 0009838 W 20001007; EP 00966135 A 20001007; JP 2001533115 A 20001007; US 35221603 A 20030128; US 7539402 A 20020215; US 90162401 A 20010711