

Title (en)
NEW THIAZOLE DERIVATIVES.

Title (de)
NEUE THIAZOLDERIVATE.

Title (fr)
NOUVEAUX DERIVES DE THIAZOL.

Publication
EP 0511270 A1 19921104 (EN)

Application
EP 91902804 A 19910118

Priority
NL 9000132 A 19900119

Abstract (en)
[origin: WO9110657A1] A N-[omega -(thiazol-4 or 5-yl)alkyl]isourea, isothiurea of a guanidine derivative with formula (II) and a N-(omega -substituted alkyl)-N'-substituted-N"-[omega -(thiazol-4 or 5-yl)alkyl]-guanidine with formula (III), a process for the preparation of said compounds by ring closure of a 2-bromo- omega -phthalimidoalkanal, or of a 3-bromo or 1-bromo omega -phthalimidoalkane-2-one with thioformamide, an alkylthioamide or thiourea followed by hydrazinolysis or hydrolysis of the resulting phthalimido derivatives and medicaments containing said derivatives with formulas (II) and (III) and use of said medicaments for the treatment of congestive heart diseases or for the treatment of allergic disorders.

Abstract (fr)
On décrit une isourée N-[omega-(thiazol-4 ou 5-yle)alkyle], une isothiourée d'un dérivé de guanidine répondant à la formule (II), et une guanidine-N-(alkyle omega-substitué)-N'-substituée-N"[alkyle omega-(thiazol-4 ou 5-yle)] répondant à la formule (III), un procédé de préparation desdits composés par la cyclisation d'un alkanal-2-bromo-omega-phthalimido, ou d'un omega-phthalimidoalkane-2-one 3-bromo ou 1-bromo avec le thioformamide, un alkylthioamide ou la thiourée, puis par l'hydrazinolysé ou l'hydrolyse des dérivés phthalimido ainsi obtenus. On décrit également des médicaments contenant lesdits dérivés qui répondent aux formules (II) et (III), ainsi que leur utilisation pour le traitement des cardiopathies congestives ou des troubles allergiques.

IPC 1-7
A61K 31/425; C07D 277/28; C07D 277/40; C07D 417/06; C07D 417/12

IPC 8 full level
A61K 31/425 (2006.01); **A61K 31/426** (2006.01); **A61K 39/39** (2006.01); **A61P 9/00** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07D 209/48** (2006.01); **C07D 277/20** (2006.01); **C07D 277/28** (2006.01); **C07D 277/40** (2006.01); **C07D 277/48** (2006.01); **C07D 417/06** (2006.01); **C07D 417/12** (2006.01)

CPC (source: EP)
A61P 9/00 (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07D 209/48** (2013.01); **C07D 277/40** (2013.01); **C07D 417/06** (2013.01); **C07D 417/12** (2013.01)

Citation (search report)
See references of WO 9110657A1

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

DOCDB simple family (publication)
WO 9110657 A1 19910725; AU 7058191 A 19910805; AU 7064491 A 19910805; CA 2074175 A1 19910720; CA 2074180 A1 19910720; EP 0511270 A1 19921104; EP 0511271 A1 19921104; IE 910171 A1 19910731; IE 910172 A1 19910731; IL 96997 A0 19920329; IL 96998 A0 19920329; JP H05503096 A 19930527; JP H05503694 A 19930617; NL 9000132 A 19910816; WO 9110656 A1 19910725; ZA 91418 B 19911030; ZA 91419 B 19911030

DOCDB simple family (application)
NL 9100008 W 19910118; AU 7058191 A 19910118; AU 7064491 A 19910118; CA 2074175 A 19910118; CA 2074180 A 19910118; EP 91902804 A 19910118; EP 91902805 A 19910118; IE 17191 A 19910118; IE 17291 A 19910118; IL 9699791 A 19910122; IL 9699891 A 19910122; JP 50257391 A 19910118; JP 50257491 A 19910118; NL 9000132 A 19900119; NL 9100007 W 19910118; ZA 91418 A 19910121; ZA 91419 A 19910121