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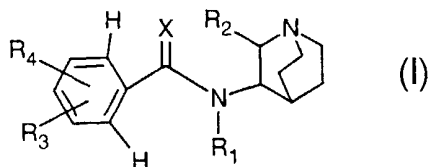
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(54) Title: QUINCLIDINE-SUBSTITUTED ARYL MOIETIES FOR TREATMENT OF DISEASE (NICOTINIC ACETYLCHOLINE RECEPTOR LIGANDS)



(57) Abstract: The invention provides compounds of Formula (I). These compounds may be in the form of pharmaceutical salts or compositions, and racemic mixtures or pure enantiomers thereof. The compounds of Formula (I) are useful in pharmaceuticals in which $\alpha 7$ is known to be involved.

INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D453/02 C07D487/08 A61K31/439 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 01 60821 A (ASTRAZENECA AB ;PHILLIPS EIFION (US); SCHMIESING RICHARD (US)) 23 August 2001 (2001-08-23) * overlap of chemical formula, see claim 1, A = II, E = single bond * the whole document	1-118
P, X	WO 01 36417 A (ASTRAZENECA AB ;MULLEN GEORGE (US); PHILLIPS EIFION (US); BALESTRA) 25 May 2001 (2001-05-25) * see A = II * the whole document	1-118
P, X	WO 01 29034 A (ASTRAZENECA AB ;SCHMIESING RICHARD (US)) 26 April 2001 (2001-04-26) * see A = II * the whole document	1-118

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	EP 0 353 371 A (DELALANDE SA ;ROBINS CO INC A H (US)) 7 February 1990 (1990-02-07) * overlap of chemical formula * the whole document ---	1-118
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X	WO 96 40100 A (DIMENSIONAL PHARM INC) 19 December 1996 (1996-12-19) * see p.36, ex. 24 * the whole document ---	1-118
Y	WO 97 30998 A (ASTRA AB ;MACOR JOHN (US); WU EDWIN (US)) 28 August 1997 (1997-08-28) * see A = IV * the whole document ---	1-118
Y	WO 92 11259 A (BEECHAM GROUP PLC) 9 July 1992 (1992-07-09) * see p.17, ex. 2 * the whole document ---	1-118
Y	J-L EISELE ET AL: "CHIMAERIC NICOTINIC-SEROTONERGIC RECEPTOR COMBINES DISTINCT LIGAND BINDING AND CHANNEL SPECIFICITIES" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 366, 2 December 1993 (1993-12-02), pages 479-483, XP002157172 ISSN: 0028-0836 * see p.479, summary * the whole document ---	1-118
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DINELEY K T ET AL: "Amino acid determinants of alpha-7 nicotinic acetylcholine receptor surface expression" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 275, no. 18, 5 May 2000 (2000-05-05), pages 13974-13985, XP002157175 ISSN: 0021-9258 * see p.13974, abstract * the whole document</p> <p style="text-align: center;">---</p>	1-118
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