

INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2013/054601

A. CLASSIFICATION OF SUBJECT MATTER  
 INV. C07C257/12 C07D235/02 C07D235/06 C07D239/70 C07D239/74  
 C07D239/88 C07D263/56 C07D471/04 C07D473/00  
 ADD.  
 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)  
 C07C C07D

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 practicable, search terms used)  
 EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ALINEZHAD, HESHMATOLLAH ET AL: "Synthesis of Benzimidazole Derivatives Using Heterogeneous ZnO Nanoparticles", SYNTHETIC COMMUNICATIONS, vol. 42, no. 1, January 2012 (2012-01), pages 102-108, XP002686063, ISSN: 0039-7911 page 105; table 3	1,14
A	WEITH, W.: "Methenyldiphenyldiamine", CHEMISCHE BERICHTE, vol. 9, 1876, pages 454-463, XP002686064, page 457, last paragraph - page 458, paragraph 1	1,14

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search <b>17 September 2013</b>	Date of mailing of the international search report <b>16/10/2013</b>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer <b>Fitz, Wolfgang</b>
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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.
A	EP 0 652 202 A1 (JAPAN RES DEV CORP [JP]; IKARIYA TAKAO [JP]) 10 May 1995 (1995-05-10) claims 1,6 page 4, lines 30-32 page 14; examples 23-32	1,14
A	----- ANGELA DIBENEDETTO ET AL: "Reaction of silylalkylmono- and silylalkyldi-amines with carbon dioxide: evidence of formation of inter- and intra-molecular ammonium carbamates and their conversion into organic carbamates of industrial interest under carbon dioxide catalysis", GREEN CHEMISTRY, vol. 4, no. 5, 29 July 2002 (2002-07-29), pages 439-443, XP055009762, ISSN: 1463-9262, DOI: 10.1039/b205319p abstract	1,14
A	----- TOSHIYASU SAKAKURA ET AL: "Transformation of carbon dioxide", CHEMICAL REVIEWS, vol. 107, no. 6, 1 June 2007 (2007-06-01), pages 2365-2387, XP002657706, AMERICAN CHEMICAL SOCIETY, US ISSN: 0009-2665, DOI: 10.1021/CR068357U [retrieved on 2007-06-13] cited in the application the whole document -----	1,14

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2013/054601

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0652202	A1	10-05-1995	CA 2135138 A1 05-05-1995
			DE 69403610 D1 10-07-1997
			DE 69403610 T2 18-12-1997
			DK 652202 T3 22-12-1997
			EP 0652202 A1 10-05-1995
			US 5639910 A 17-06-1997
			US 5763662 A 09-06-1998
			US 5869739 A 09-02-1999
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