



(88) Date of publication of the international search report:

3 January 2008

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000322

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7 H01M8/12 H01M8/24		
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 H01M		
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, COMPENDEX		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2003/077500 A1 (GORBELL BRIAN) 24 April 2003 (2003-04-24) page 2, paragraph 26 - paragraph 31 page 3, paragraph 34 - paragraph 42; claims 1-11; figures 1-5 -----	1-3,5
Y	EP 0 357 025 A (NIPPON KOKAN KK) 7 March 1990 (1990-03-07) page 2, line 40 - page 3, line 5 page 4, line 5 - line 55; claims 1-8; figures 4-6 -----	1-3,5
Y	US 6 492 053 B1 (DONELSON RICHARD ET AL) 10 December 2002 (2002-12-10) column 5, line 45 - column 6, line 62 column 7, line 23 - line 62; figure 2 -----	1-3,5
	-/--	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
° Special categories of cited documents :		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "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) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "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 "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 "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. "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
18 October 2004		29/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Wiedemann, E

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000322

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 442 743 A (NGK INSULATORS LTD) 21 August 1991 (1991-08-21) column 3, line 34 - column 4, line 30 column 6, line 13 - line 47; claims 1-3; figures 1,2	1-3,5
A	----- US 6 326 096 B1 (KIM JAI-WOH ET AL) 4 December 2001 (2001-12-04) the whole document -----	1-6

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000322

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
US 2003077500	A1	24-04-2003	WO 03036745 A2 CA 2458074 A1	01-05-2003 01-05-2003
EP 0357025	A	07-03-1990	JP 2101466 U JP 2036166 U CA 1309750 C EP 0357025 A1 NO 893484 A US 5049458 A	13-08-1990 08-03-1990 03-11-1992 07-03-1990 01-03-1990 17-09-1991
US 6492053	B1	10-12-2002	AU 735079 B2 AU 7631398 A WO 9857384 A1 EP 0988655 A1 JP 2002503381 T NZ 501642 A	28-06-2001 30-12-1998 17-12-1998 29-03-2000 29-01-2002 29-06-2001
EP 0442743	A	21-08-1991	JP 2528986 B2 JP 3238761 A JP 2531824 B2 JP 3276564 A CA 2036259 A1 CA 2036259 C DE 69121601 D1 DE 69121601 T2 EP 0442743 A1 US 5185219 A	28-08-1996 24-10-1991 04-09-1996 06-12-1991 16-08-1991 26-04-1994 02-10-1996 06-02-1997 21-08-1991 09-02-1993
US 6326096	B1	04-12-2001	NONE	