

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09348

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F04B9/113

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 F04B

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 238 372 A (MORRIS BRIAN G) 24 August 1993 (1993-08-24) the whole document column 3, line 65 -column 4, line 18; figure 1	1-14
X	GB 530 050 A (BYRON JACKSON CO) 4 December 1940 (1940-12-04) the whole document figure 11	1-14
A	GB 2 346 938 A (BRITISH GAS PLC) 23 August 2000 (2000-08-23) cited in the application the whole document	1-14
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *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

26 February 2004

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08/03/2004

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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	US 4 761 118 A (ZANARINI FRANCO) 2 August 1988 (1988-08-02) the whole document -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09348

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5238372	A	24-08-1993	NONE	
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