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INTERNATIONAL SEARCH REPORT

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PCT/US 03/24191

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01P5/00 G01P3/36 G01P13/02 G01S17/58

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 G01P G01S

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 988 190 A (MILES RICHARD B) 29 January 1991 (1991-01-29)	1-5, 8, 11, 12, 15, 18-23, 26, 28-30, 32, 34-36
Y	column 3, line 8 - line 38 column 4, line 51 - line 68 column 6, line 35 - column 9, line 59 column 12, line 57 - column 13, line 30 figures 1,7,9,11,19 --- -/--	27, 33

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

3 February 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.
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