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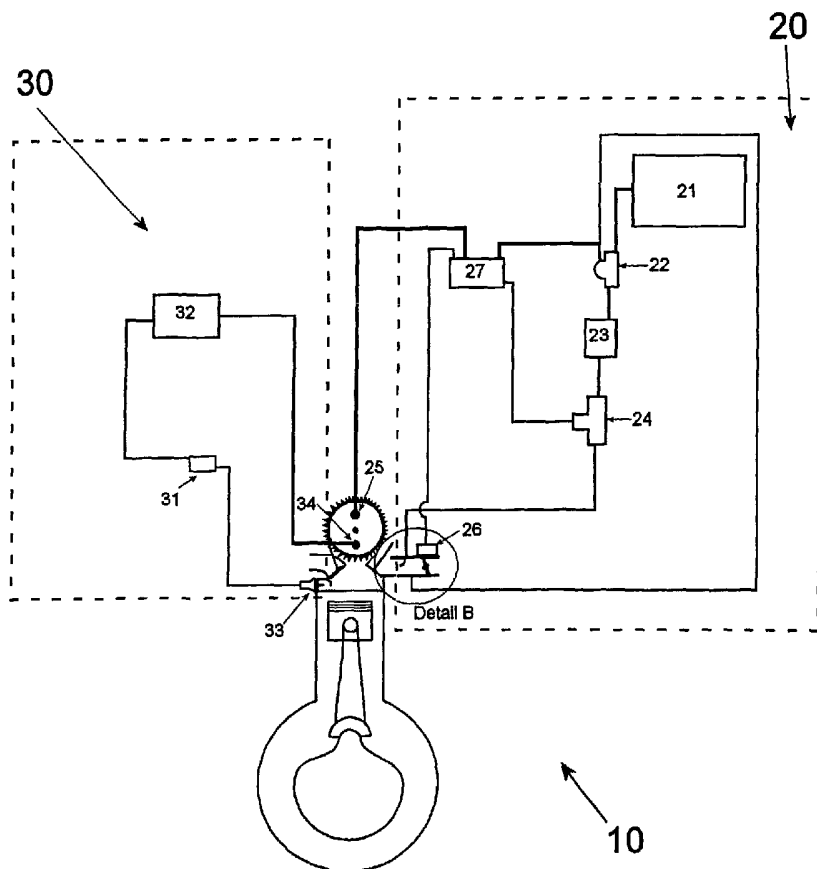
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| (71) Applicant: ENERGY CONVERSION DEVICES, INC.
[US/US]; 2956 Waterview Drive, Rochester Hills, MI 48309 (US). | | (81) Designated States (<i>national</i>): AU, BR, CA, CN, IN, JP, KR, MX, NO, RU, SG, UA. |
| (72) Inventors: RAMACHANDRAN, Subramanian ; 2824 Queens Way, A1, Milton, WA 98354 (US). SIEVERS, | | (84) Designated States (<i>regional</i>): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR). |
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(54) Title: A HYDROGEN POWERED SCOOTER



(57) Abstract: A scooter powered by a hydrogen powered internal combustion engine (10) fueled by a throttled (41) stream of air into which a controlled amount of hydrogen is injected. A hydrogen fuel control system (20) is used to control the amount of hydrogen injected into the throttled (41) air stream using multiple parameters (26, 43). The amount of hydrogen present in the hydrogen storage unit (21) is monitored using an on-board hydrogen fuel measurement system (60) utilizing a microcontroller (66) and multiple sensors (63, 64, 65).



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F02B 43/08; F02G 1/04; G01N 19/10

US CL : 123/3, 527; 73/23.2

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)

U.S. : 123/3, 527; 73/23.2

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,584,825 B2 (Pratt et al.) 1 July 2003 (01.07.2003), col.5.	4, 5
Y	US 5,413,075 A (Mamiya et al.) 9 May 1995 (09.05.1995), see entire document.	1-3
Y	US 5,088,452 A (Iwaki et al.) 18 February 1992 (18.02.1992), col. 6.	1, 2
Y	US 5,462,021 A (Minami et al.) 31 October 1995 (31.10.1995), see entire document.	1-3



Further documents are listed in the continuation of Box C.



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"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
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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Facsimile No. (703)305-3230

Authorized officer

Noah Kamen

Telephone No. 308 0861