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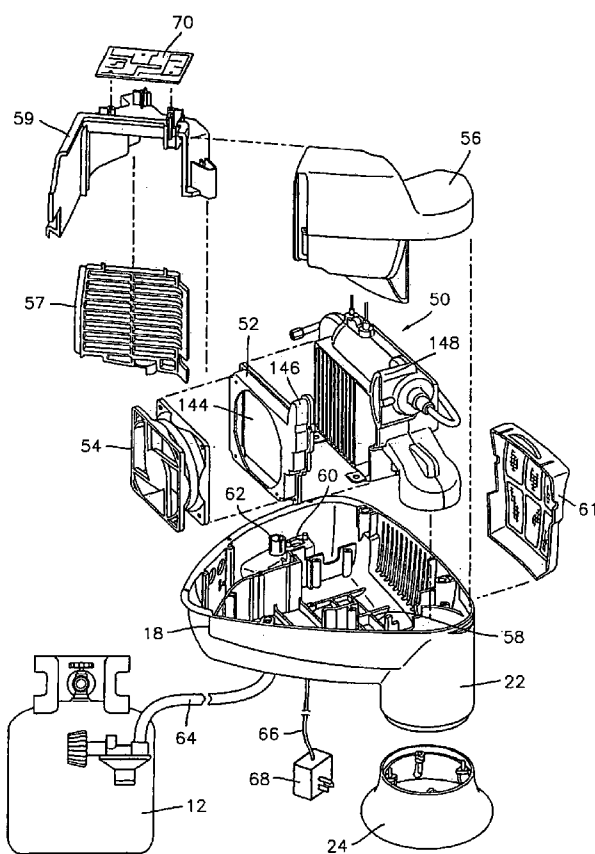
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[Continued on next page]

(54) Title: FLYING INSECT TRAPPING DEVICE AND FLYING INSECT TRAPPING SYSTEM



(57) Abstract: A device for trapping flying insects and a system of such devices are disclosed. The device includes a supporting frame with an associated combustible fuel supply connected to a combustion device with a fan which is operated to generate an exhaust gas having carbon dioxide to attract flying insects. The insects are drawn into a trap chamber on the frame by suction where they are collected and/or killed. The device may further include various sensors to regulate fuel flow and fan speed in accordance with insect activity as influenced by environmental and other factors.



PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A01M 1/02(2006.01),1/10(2006.01)

USPC: 43/122,132.1,144

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. : 43/107,122,124,131,132.1,144

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,P	US 7,293,388 B2 (DeYoreo et al.) 13 November 2007 (13.11.2007), figure 1 and columns 2-5.	1-2, 5-13, 15, 24, 50-53, 59, 66, 66-78, 85-88 and 94
Y	US 2005/0066570 A1 (Mosher, II et al.) 31 March 2005 (31.03.2005), figures 1-3.	1-2, 5-13, 15, 24, 50-53, 59, 66-78, 85-88 and 94
X	US 5,005,416 A (Vick et al.) 9 April 1991 (09.04.1991), figures 1-8 and columns 4-9.	91-93
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Y		50 and 94

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☐ See patent family annex.

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document member of the same patent family

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