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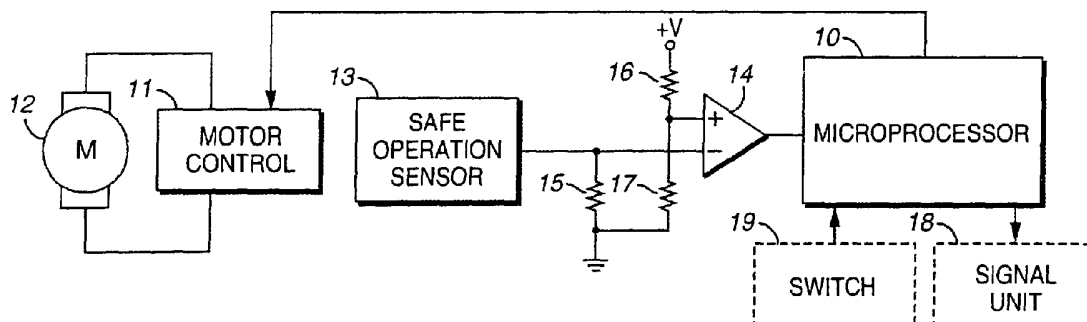
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: AUTOMATIC SENSING OF SAFE-OPERATION SENSOR APPARATUS AND METHOD



(57) Abstract: A movable barrier operator having a microprocessor (10) or other programmable platform will automatically work in a safe and appropriate manner both with and without safe-operation sensors (13). Once a safe-operation sensor is detected, the operator will thereafter function in as fashion that requires the continued presence of such sensor. In one embodiment, the operator state can be purposely reset to the initial operating state.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/13664

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :E05F 15/16

US CL :318/266, 286, 565

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. : Please See Extra Sheet.

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)

APS. Search terms: door, window, sensor, detector, program, routine, subroutine, existed, presented, detected, 318/\$.ccls., 49/\$.ccls., 160/\$.ccls.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,808,995 A (CLARK et al) 28 February 1989 (28.02.1989), See the entire document.	1-34
A	US 6,046,562 A (EMIL) 04 April 2000 (04.04.2000), See the entire document.	1-34
A,E	US 6,581,332 B1 (KIM) 24 June 2003 (24.06.2003), See the entire document.	1-34



Further documents are listed in the continuation of Box C.



See patent family annex.

<p>* Special categories of cited documents:</p>		"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
"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
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"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		

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B. FIELDS SEARCHED

Minimum documentation searched

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