



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
08.03.2000 Bulletin 2000/10

(51) Int Cl.7: **E06B 9/72, E06B 9/88**

(43) Date of publication A2:
08.07.1998 Bulletin 1998/28

(21) Application number: **98500001.7**

(22) Date of filing: **02.01.1998**

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE
 Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **07.01.1997 ES 9700019**
16.01.1997 ES 9700089 U

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(54) **Electric engine control electronic board**

(57) The electronic control board (8,14) as per the invention comprises an electronic reader of the turning of the engine shaft, an engine stoppage programmer at one or several points which enables engine stoppages repetitively and periodically on a programmed basis, an input code or code for start of operation and of the programming of the engine stoppages at the required points, an engine and braking load limitation function, and a component which acts as a clock, enabling the engine operation to be programmed with the stoppages

at the required points with great timing precision, so that the user simply needs to send a signal to the engine (2,15) at a specified time when the engine (2,15) reaches a stoppage point required to be programmed so that it will repeat periodically every 24 hours; this signal is memorized at the specified time, and the time and stoppage point programmed can be changed, and which integrates a miniaturized power supply making it possible to integrate it in the assembly of direct-current, low-voltage tubular engines.

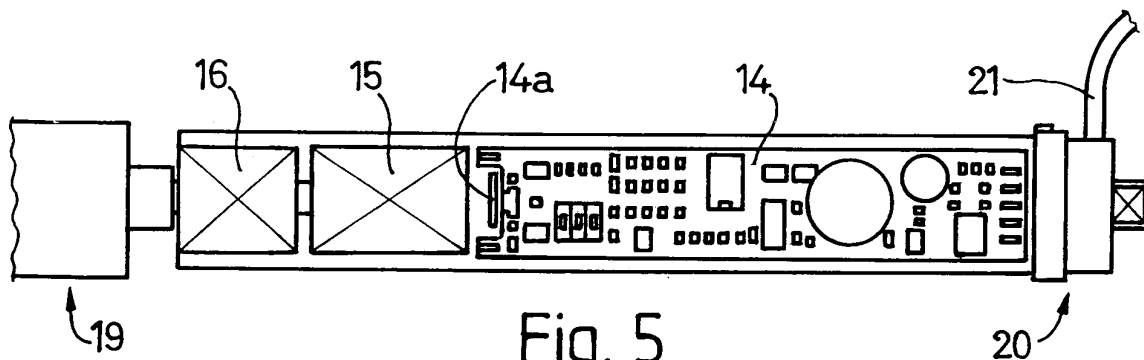


Fig. 5



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 50 0001

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE 34 25 874 A (GREIS RICHARD) 16 January 1986 (1986-01-16) * page 6, paragraph 2 - page 8, paragraph 1; figure 2 *	1-3	E06B9/72 E06B9/88
Y		5	
A		4,6,7	
Y	DE 92 17 254 U (GEIGER GERHARD GMBH & CO) 14 April 1994 (1994-04-14) * page 3, paragraph 2 * * page 4, last paragraph - page 6, line 3; figures 1,2 * -----	5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E06B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 December 1999	Examiner Peschel, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

EPO FORM 1503 03/92 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 50 0001

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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15-12-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 3425874 A	16-01-1986	NONE	
DE 9217254 U	14-04-1994	NONE	