



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
23.01.2002 Bulletin 2002/04

(51) Int Cl.7: **E05B 73/00**
// B63H20/00

(43) Date of publication A2:
08.09.1999 Bulletin 1999/36

(21) Application number: **98120583.4**

(22) Date of filing: **30.10.1998**

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

(72) Inventors:
 • **Kojima, Akinori** Yamaha Hatsudoki K.K.
 Iwata-shi, Shizuoka-ken (JP)
 • **Suzuki, Masaru** Yamaha Hatsudoki K.K.
 Iwata-shi, Shizuoka-ken (JP)

(30) Priority: **26.02.1998 JP 4518198**
25.06.1998 JP 17836598

(74) Representative:
Grünecker, Kinkeldey, Stockmair &
Schwanhäusser Anwaltssozietät
Maximilianstrasse 58
80538 München (DE)

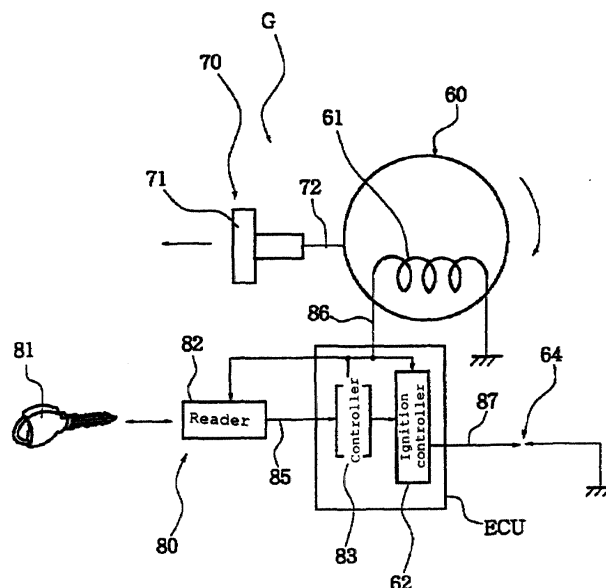
(71) Applicant: **SANSHIN KOGYO KABUSHIKI KAISHA**
Hamamatsu-shi Shizuoka-ken (JP)

(54) **Theft-prevention device for boat propulsion equipment**

(57) A theft-prevention device for boat propulsion equipment comprises a key 81 having a characteristic identification code, a reader 82 on the propulsion equipment and a controller 83 for comparing the identification

code with a code prestored on the propulsion equipment. As there is no battery on the propulsion equipment, a manual power generator (G) is provided for generating the electric current required for identifying the correct key by the controller.

[Figure 3]





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 12 0583

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 44 34 655 A (MARQUARDT GMBH) 6 April 1995 (1995-04-06)	10	E05B73/00 //B63H20/00
Y	* column 1, line 42 - column 2, line 9; figure 1 *	1	
A	* column 2, line 58 - column 5, line 27; figures 2,4 *	3-5,9,11	
Y	EP 0 704 354 A (NIPPON DENSO CO) 3 April 1996 (1996-04-03)	1	
A	* column 1, line 15 - line 17; figure 1 * * column 5, line 13 - column 8, line 26 *	3-5,10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B63J B60R B62H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 December 2001	Examiner Mauriès, L
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 03/82 (P04C01)

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

EP 98 12 0583

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-12-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4434655 A	06-04-1995	DE 9320270 U1	05-05-1994
		DE 4434655 A1	06-04-1995
		DE 4340260 A1	06-04-1995
		DE 4421496 A1	06-04-1995
		DE 4434571 A1	06-04-1995
		DE 4434587 A1	06-04-1995
		DE 4434612 A1	06-04-1995
		WO 9509748 A1	13-04-1995
		WO 9509746 A1	13-04-1995
		WO 9509747 A2	13-04-1995
		DE 59401986 D1	10-04-1997
		DE 59402460 D1	22-05-1997
		DE 59402777 D1	19-06-1997
		EP 0720543 A1	10-07-1996
		EP 0720544 A1	10-07-1996
		EP 0720545 A1	10-07-1996
		ES 2103607 T3	16-09-1997
		ES 2101572 T3	01-07-1997
		ES 2103608 T3	16-09-1997
		JP 9503181 T	31-03-1997
		US 5841363 A	24-11-1998
		DE 4409559 A1	01-06-1995
EP 0704354 A	03-04-1996	JP 8150901 A	11-06-1996
		EP 0704354 A2	03-04-1996
		EP 0967130 A2	29-12-1999
		US 5640057 A	17-06-1997
		US 5883444 A	16-03-1999

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82