



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
12.01.2005 Bulletin 2005/02

(51) Int Cl.7: **E05B 17/10**

(43) Date of publication A2:
05.01.2005 Bulletin 2005/01

(21) Application number: **04015800.8**

(22) Date of filing: **05.07.2004**

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

(30) Priority: **04.07.2003 JP 2003191715**
24.12.2003 JP 2003426738

(71) Applicant: **YAMAHA HATSUDOKI KABUSHIKI**
KAISHA
Iwata-shi Shizuoka-ken (JP)

(72) Inventors:
• **Kitamura, Yasuhiko**
Iwata-shi Shizuoka-ken (JP)
• **Ishii, Yoshihide**
Iwata-shi Shizuoka-ken (JP)
• **Okada, Naoki**
Iwata-shi Shizuoka-ken (JP)

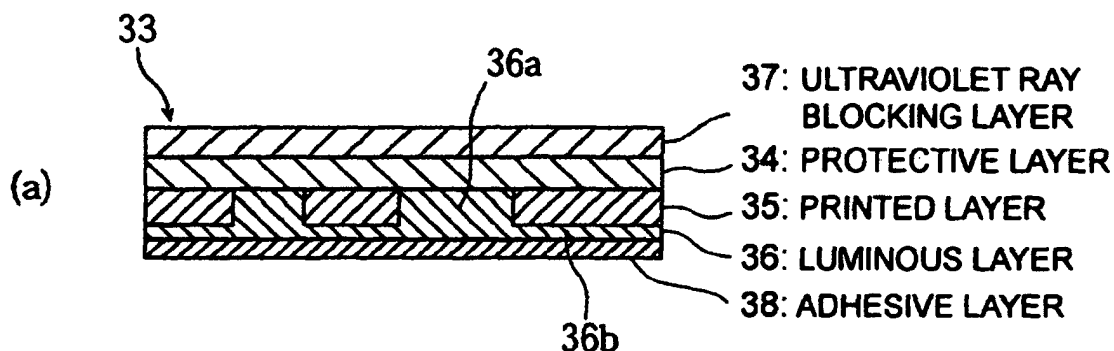
(74) Representative: **Grünecker, Kinkeldey,**
Stockmair & Schwanhäusser Anwaltssozietät
Maximilianstrasse 58
80538 München (DE)

(54) **Key cylinder and vehicle with a key cylinder**

(57) The invention relates to a key cylinder having a key insertion hole (27a) and to a vehicle (1) with a key cylinder. The invention aims to provide a key cylinder into which a key can be inserted more easily at night-

time. The invention proposes that a luminous sheet (33) is provided which at least partially surrounds the key insertion hole (27a) and that the vehicle (1) is adapted to comprise such a key cylinder.

Fig. 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 01 5800

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.7)
X	CH 596 414 A (MEYER SINTERMETALL AG) 15 March 1978 (1978-03-15) * column 1, line 64 - column 2, line 49; figures 1-5 *	1-10	E05B17/10
X	DE 30 35 892 A (KERTESZ GEB BOETTGER BRIGITTE) 29 April 1982 (1982-04-29) * page 3, line 1 - page 4, line 20; figures 1-7 *	1-7,10	
A		8,9	
X	DE 18 68 622 U (VOSS KG J) 7 March 1963 (1963-03-07) * figure 2 *	1-7	
A	DE 297 22 578 U (NIEMANN HANS DIETER) 29 April 1999 (1999-04-29) * the whole document *	1-10	
A	DE 296 05 680 U (WEIGT MATTHIAS) 25 July 1996 (1996-07-25) * the whole document *	1-7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E05B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		8 November 2004	Friedrich, A
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 (P/MC01)

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

EP 04 01 5800

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.

08-11-2004

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
CH 596414	A	15-03-1978	CH	596414 A5	15-03-1978
DE 3035892	A	29-04-1982	DE	3035892 A1	29-04-1982
DE 1868622	U	07-03-1963	NONE		
DE 29722578	U	29-04-1999	DE	29722578 U1	29-04-1999
DE 29605680	U	25-07-1996	DE	29605680 U1	25-07-1996

EPO FORM P0459

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