



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.05.2013 Bulletin 2013/22

(51) Int Cl.:
E05C 7/04 (2006.01) **E05B 63/18** (2006.01)
E05B 63/24 (2006.01)

(43) Date of publication A2:
19.05.2010 Bulletin 2010/20

(21) Application number: **09175105.7**

(22) Date of filing: **05.11.2009**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

(72) Inventor: **Raatikainen, Juha**
FI80160, Joensuu (FI)

(74) Representative: **Veräjänkorva, Janne et al**
Berggren Oy Ab
P.O. Box 16
00101 Helsinki (FI)

(30) Priority: **12.11.2008 FI 20086071**

(71) Applicant: **Abloy Oy**
80100 Joensuu (FI)

(54) **Wedge release device**

(57) The lock (5) for the passive door (3) within a double door (1) according to the invention comprises handle control means (9) and a wedge release device (8). The wedge release device comprises a latch (12), a spring (13), a sliding part (14) and a stopper part (15). The stopper part comprises a stem part (16), and the

sliding part (14) is arranged together with the stem part (16) to move in the axial direction of the stem part. The sliding part (14) comprises a handle control surface (18) that allows the sliding part (14) to be moved using the handle control means of the lock (5) in the axial direction of the stem part (16) when a handle connected to the lock is turned.

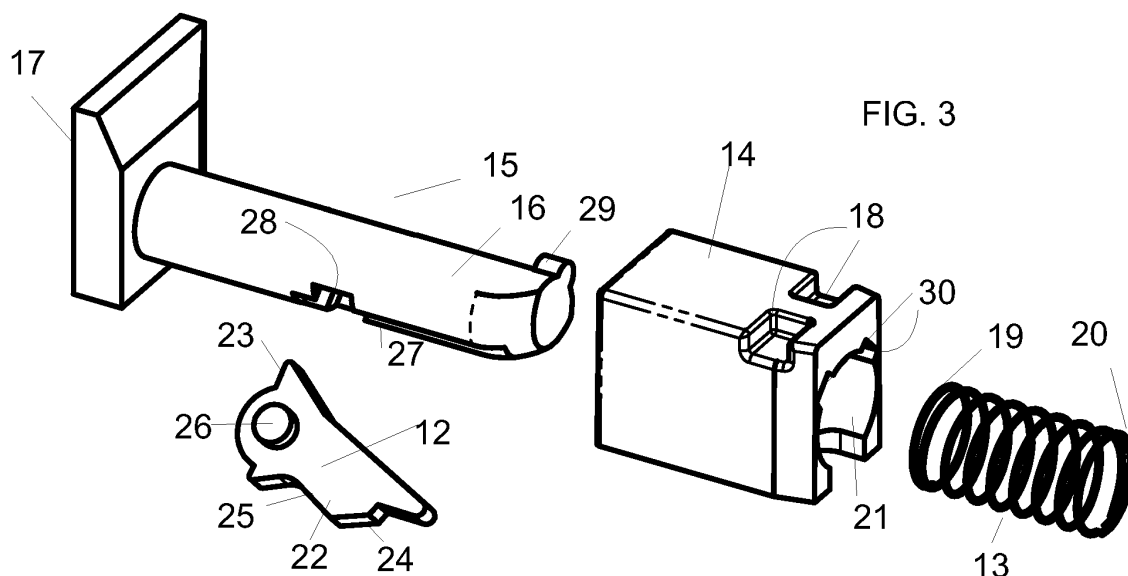


FIG. 3



EUROPEAN SEARCH REPORT

Application Number
EP 09 17 5105

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 562 526 A2 (ITALIANA SERRATURE AFFINI [IT] ITALIANA SERRATURE AFFINI [NL]) 29 September 1993 (1993-09-29) * the whole document * -----	1	INV. E05C7/04 E05B63/18 E05B63/24
			TECHNICAL FIELDS SEARCHED (IPC)
			E05C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 April 2013	Examiner Robelin, Fabrice
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			

 1
EPO FORM 1503 03.82 (P04C01)

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

EP 09 17 5105

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.

19-04-2013

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0562526 A2	29-09-1993	EP 0562526 A2	29-09-1993
		IT B0920059 U1	24-09-1993

EPO FORM P0459

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