(11) **EP 2 397 628 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 23.11.2016 Bulletin 2016/47

(43) Date of publication A2: 21.12.2011 Bulletin 2011/51

(21) Application number: 11169786.8

(22) Date of filing: 14.06.2011

(51) Int CI.:

E05B 59/00 (2006.01) E05B 63/00 (2006.01) E05B 13/00 (2006.01) E05B 55/04 (2006.01) E05B 47/06 (2006.01)

(84) Designated Contracting States:

AL 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 RS SE SI SK SM TR Designated Extension States:

BA ME

(30) Priority: 16.06.2010 SE 1050617

(71) Applicant: Assa Oem AB 631 05 Eskilstuna (SE)

(72) Inventors:

• Jensen, Lars S-633 41 ESKILSTUNA (SE)

Pärus, Fredrik
 S-633 42 ESKILSTUNA (SE)

(74) Representative: Kransell & Wennborg KB P.O. Box 27834

115 93 Stockholm (SE)

(54) Lock device with switchable blocking mechanism

(57)Lock device comprising a lock housing (10, 210), in which there is arranged: a lock bolt (30, 230), which is movable between an unlocked position and a locked position, and a first follower (50, 250). A driver (60, 260) is coupled to the first follower and is arranged to, by means of the first follower, manoeuvre the lock bolt between its unlocked and locked position, as well as, in the locked position of the lock bolt, to dead lock the lock bolt by contact against the lock bolt. A second follower (70, 270) is arranged to, by rotation, influence the functioning of the lock device. A blocking mechanism (100, 300) is switchable between a blocking state, in which rotation of the second follower is barred, and a non-blocking state, in which rotation of the second follower is allowed. The blocking mechanism (100, 300) is arranged to, when the lock bolt (30, 230) is in its locked, dead locked position and the blocking mechanism has assumed its blocking state, by mechanical interaction with the driver (60, 269), bar the blocking mechanism from being switched from its blocking state to its non-blocking state.

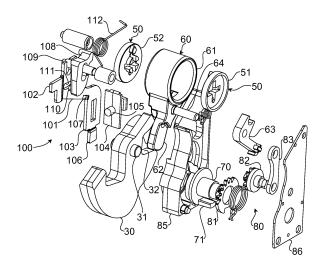


Fig. 2



EUROPEAN SEARCH REPORT

Application Number

EP 11 16 9786

10	

		D TO BE RELEVANT	Dalarrow	01 4001510 4 710 11 05 711
Category	Citation of document with indicati of relevant passages	on, wnere appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	WO 03/078767 A1 (ASSA [SE]; COLLIN KJELL [SE 25 September 2003 (200 * the whole document *])	1-16	INV. E05B59/00 E05B55/04 E05B63/00 E05B47/06
A,D	SE 431 574 B (GKN STEN 13 February 1984 (1984 * page 5, lines 2-17; * page 6 - page 8 *	-02-13)	1-16	E05B13/00
A	DE 10 2008 016699 A1 ([DE]) 8 October 2009 (* page 4, paragraph 00 * page 6, paragraph 00	2009-10-08) 16; figures 1-4 *	1-16	
				TECHNICAL FIELDS SEARCHED (IPC)
				E05B
	The present search report has been o			
	Place of search The Hague	Date of completion of the search 14 October 2016	Bou	Examiner ufidou, Maria
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		T : theory or principle E : earlier patent doci after the filing date D : document cited in L : document cited fo	underlying the i ument, but publi the application r other reasons	nvention
O: non	-written disclosure rmediate document	& : member of the sai document		

EP 2 397 628 A3

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

EP 11 16 9786

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.

14-10-2016

	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
	WO 03078767 A	1 25-09-2003	AT 344363 T AU 2003215994 A1 DK 1485557 T3 EP 1485557 A1 NO 336120 B1 WO 03078767 A1	15-11-2006 29-09-2003 19-02-2007 15-12-2004 18-05-2015 25-09-2003
	SE 431574 E	13-02-1984	DK 544082 A FI 824268 A NO 824160 A SE 431574 B	16-06-1983 16-06-1983 16-06-1983 13-02-1984
	DE 102008016699 A	1 08-10-2009	CN 101550784 A DE 102008016699 A1 DK 2107190 T3 EP 2107190 A2	07-10-2009 08-10-2009 13-05-2013 07-10-2009
-ORM P0459				

 $\stackrel{\circ}{\mathbb{L}}$ For more details about this annex : see Official Journal of the European Patent Office, No. 12/82