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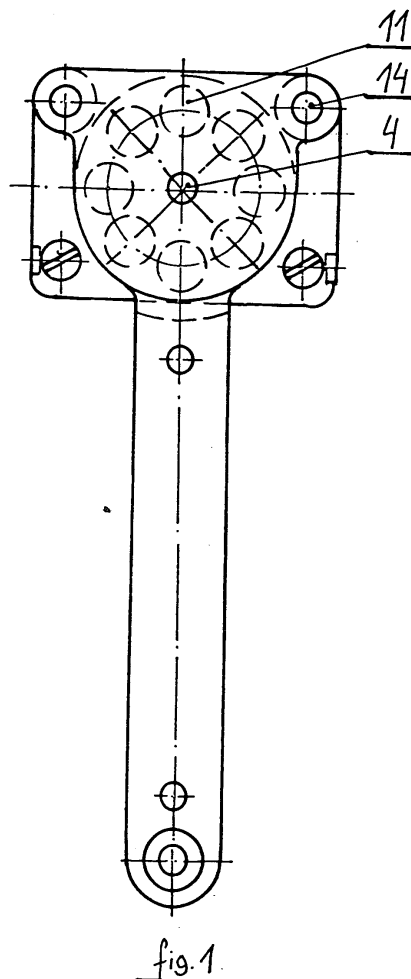
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(54) **Magnetic blockade for window or wing**

(57) The subject of the invention is magnetic blockade for plastic window sash which has permanent magnets (11) placed in rotating arms (5) and (6). The permanent magnets are moving over plates (12), (13) and (16) which are placed on both sides of those permanent magnets. In addition it has slider (19) and steel strip (17). The slider (19) can rotate over pin (9). The slider (19) with magnets (20) is surrounded by plastic cover (18). The steel strip (17) is attached to the groove of plastic window or plastic balcony door using screws(21).



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 1 678 511 A (EDWARD HEFFERNAN) 24 July 1928 (1928-07-24) * the whole document *	1-3	INV. E05B47/00 E05C19/16 E05F15/18 E05C17/56
X	DE 20 2007 009824 U1 (BROSE FAHRZEUGTEILE [DE]) 20 November 2008 (2008-11-20) * paragraph [0052]; claim 31; figure 5 *	1	
X	DE 40 34 296 A1 (KRONE AG [DE]) 30 April 1992 (1992-04-30) * the whole document *	1	
A	FR 2 704 593 A1 (BRETINEAU DAVID [FR]) 4 November 1994 (1994-11-04) * the whole document *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05C E05B E05D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 18 October 2016	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			

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

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5 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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18-10-2016

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 1678511 A	24-07-1928	NONE	
DE 202007009824 U1	20-11-2008	BR PI0814223 A2 CN 101743372 A DE 202007009824 U1 EP 2176481 A1 JP 5357870 B2 JP 2010533092 A KR 20100058468 A US 2010192328 A1 WO 2009007400 A1	06-01-2015 16-06-2010 20-11-2008 21-04-2010 04-12-2013 21-10-2010 03-06-2010 05-08-2010 15-01-2009
DE 4034296 A1	30-04-1992	NONE	
FR 2704593 A1	04-11-1994	NONE	