



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
24.05.2017 Bulletin 2017/21

(51) Int Cl.:
E05D 15/06 (2006.01) E05D 15/58 (2006.01)

(43) Date of publication A2:
02.10.2013 Bulletin 2013/40

(21) Application number: **13161556.9**

(22) Date of filing: **28.03.2013**

(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

(72) Inventors:
• **Rajamäki, Päivi**
FI-01380 Vantaa (FI)
• **Berner, Juhana**
FI-01150 Söderkulla (FI)

(30) Priority: **29.03.2012 FI 20120102**

(74) Representative: **Berggren Oy, Helsinki & Oulu**
P.O. Box 16
Eteläinen Rautatiekatu 10A
00101 Helsinki (FI)

(71) Applicant: **Rajamäki, Päivi**
01380 Vantaa (FI)

(54) **Glazing system or such like**

(57) A glazing system or equivalent which has at least one guide rail (1) for a panel element/panel elements (9) and at least one panel element (9), adjustable to a guide rail, comprising a plane element (91) attached to a profile (92), and attachable via the profile to at least one, preferably two rollers (3) adjustable to a guide rail (1) comprising two sides (1 a, 1 b), connected by the base (1 c) of the rail, whereupon the inner surface of one side of the guide rail has a guide groove (6) attached to it or has been formed into a guide groove (6) longitudinal to the rail (1), whereupon the horizontal roller (3) of the

guide rail may be adjusted to the guide groove (6) so that the roller (3) may be slid or rolled along said groove (6). The guide groove (6) on the first side (1 a, 1 b) of the guide rail is considerably wider than the wheel (3a) of the roller (3) moving in said groove in the vertical direction of the side and the other side (1a, 1b) of the guide rail (1) has at least one seal groove (4) so that the seal/seals (40) installed into the seal groove/seal grooves (4) support the roller (3) when it is in contact with the guide groove (6).

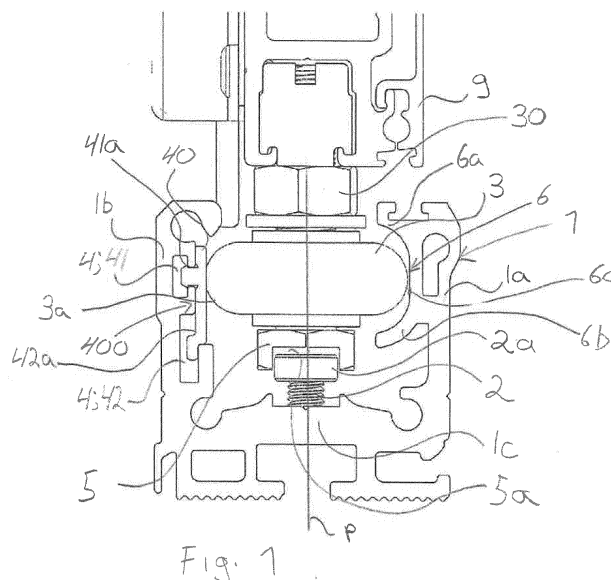


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 13 16 1556

5

10

15

20

25

30

35

40

45

50

55

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 0 902 153 A2 (SKS STAKUSIT BAUTECHNIK GMBH [DE]) 17 March 1999 (1999-03-17) * paragraphs [0017] - [0022] * * figures 1, 3 *	1-14	INV. E05D15/06 E05D15/58
A	EP 0 577 669 A1 (SJOEHOLM JARMO [FI]) 12 January 1994 (1994-01-12) * column 5, line 26 - column 6, line 33 * * column 8, lines 43-58 * * figures 1, 2, 11 *	1-14	
A	US 2012/061033 A1 (ONA GONZALEZ FRANCISCO [ES] ET AL) 15 March 2012 (2012-03-15) * the whole document *	1-14	
A	EP 0 610 263 A1 (SJOEHOLM JARMO [FI]) 17 August 1994 (1994-08-17) * the whole document *	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 April 2017	Examiner Mund, André
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 13 16 1556

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

12-04-2017

10

15

20

25

30

35

40

45

50

55

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0902153 A2	17-03-1999	DE 19739688 A1	18-03-1999
		EP 0902153 A2	17-03-1999
EP 0577669 A1	12-01-1994	AT 144304 T	15-11-1996
		AU 667034 B2	07-03-1996
		CA 2106766 A1	28-09-1992
		DE 69214636 D1	21-11-1996
		DE 69214636 T2	07-05-1997
		DK 0577669 T3	24-03-1997
		EP 0577669 A1	12-01-1994
		ES 2095465 T3	16-02-1997
		NO 933207 A	27-09-1993
		RU 2107798 C1	27-03-1998
		US 5448855 A	12-09-1995
		WO 9217673 A1	15-10-1992
US 2012061033 A1	15-03-2012	CA 2800196 A1	02-12-2010
		EP 2436862 A1	04-04-2012
		ES 2365575 A1	07-10-2011
		IL 216087 A	30-01-2014
		US 2012061033 A1	15-03-2012
		US 2013306251 A1	21-11-2013
		WO 2010136615 A1	02-12-2010
EP 0610263 A1	17-08-1994	AT 150837 T	15-04-1997
		AU 2754292 A	21-05-1993
		CA 2121254 A1	29-04-1993
		DE 4293568 T1	01-12-1994
		DE 69218618 D1	30-04-1997
		DE 69218618 T2	18-12-1997
		DK 42094 A	01-06-1994
		DK 0610263 T3	06-10-1997
		EP 0610263 A1	17-08-1994
		ES 2102521 T3	01-08-1997
		ES 2113228 A2	16-04-1998
		FI 914848 A	15-04-1993
		NO 941250 A	26-05-1994
		PL 170881 B1	31-01-1997
		RU 2113586 C1	20-06-1998
		US 5548926 A	27-08-1996
		WO 9308355 A1	29-04-1993

EPO FORM P0459

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