



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 447 507 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
18.01.2006 Bulletin 2006/03

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

(43) Date of publication A2:
18.08.2004 Bulletin 2004/34

(21) Application number: **04002897.9**

(22) Date of filing: **10.02.2004**

(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 PT RO SE SI SK TR**
Designated Extension States:
AL LT LV MK

(30) Priority: **14.02.2003 IT TO20030109**

(71) Applicant: **De Poli, Pietro**
10098 Rivoli,
Torino (IT)

(72) Inventor: **De Poli, Pietro**
10098 Rivoli,
Torino (IT)

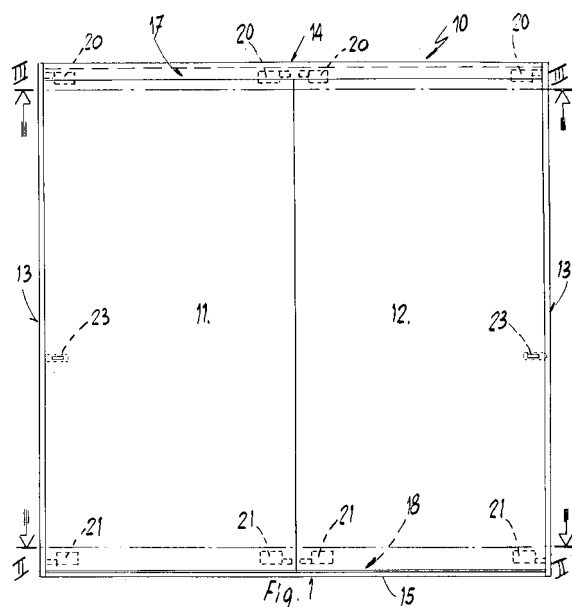
(74) Representative: **Aprà, Mario**
Aprà Brevetti
Via Bertola 2
10121 Torino (IT)

(54) **Sliding system for frames, panels and the like, such as wings of doors, windows and pieces of furniture**

(57) Two wings are arranged slidably relative to a fixed structure, between a mutual side by side disposition and a disposition of substantial mutual superposition, to determine alternatively the closing and the opening of a space. In the fixed structure (10) are provided upper and/or lower guiding means (17, 18) relative to which each wing (11, 12) is slidably supported by means of respective supports (20, 21) provided with sliding means.

According to the invention, the supports (20, 21) are fastened in pairs to each wing (11, 12) and comprise respective rollers (20.1, 21.1) freely rotatable and slidably guided in corresponding tracks (17.10, 17.1, 17.3, 18.21, 18.1, 18.3) each formed by a guide of a central switch, an intermediate guide segment and a terminal guide segment.

Each guide roller (20.1) is freely rotatable about a respective pivot (20.10). At said central switch (17.2) of the guiding means (17) is positioned a guide template (17.4) for said pivots (20.10) which support the respective guide rollers (20.1).



EP 1 447 507 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 00 2897

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	DE 15 54 401 A1 (RACHERBAEUMER, HEINZ) 2 April 1970 (1970-04-02)	1,2,15	E05D15/06
Y	* page 5, line 19 - page 9, line 12; figures 1-3,5 *	14	
A		3-8	
Y	US 6 061 961 A (RUPE ET AL) 16 May 2000 (2000-05-16) * column 4, lines 18-25 *	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 18 November 2005	Examiner Witasse-Moreau, C
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			

2
EPO FORM 1503 03.82 (P04C01)

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

EP 04 00 2897

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.

18-11-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1554401	A1	02-04-1970	NONE	

US 6061961	A	16-05-2000	NONE	
