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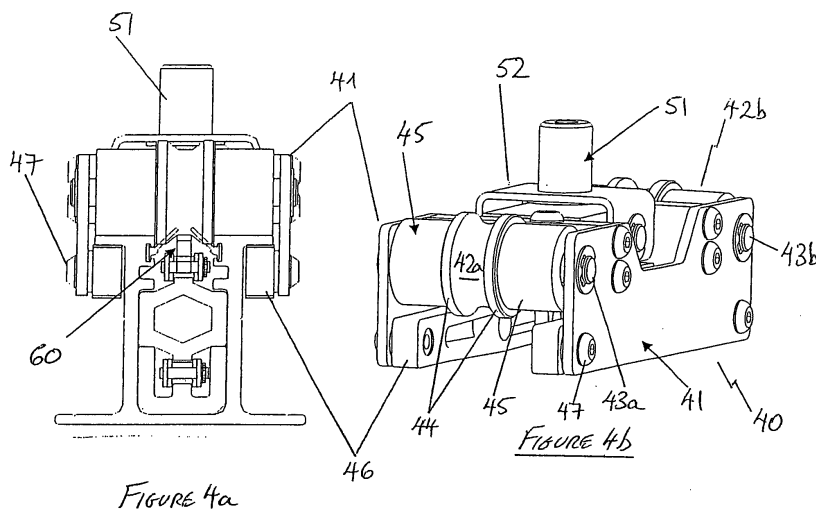
(54) **A sunroof system**

(57) The invention disclosed relates to a sunroof system designed primarily for a pleasure boat. The system includes a panel (12) moveable between an open and a closed position. A motor driven chain (17) is provided, held within a guide rail (10), to drive the panel (12) between positions.

A carriage means connects the panel (12) to the chain (17) and is supported on rollers (44) resting on

flanges (15, 16) or the guide rail (10). In order to dampen vibrations and minimise noise during operation of the panel (12), a block (46) incorporating resilient elements is incorporated into the carriage means. Moreover a tensioner (80) is also included to take up or provide slack in the chain and (17), to allow for differential thermal expansion between the rail 13 and the chain 17.

In order to prevent ingress of dirt, into the carriage, brushes (26) are included in the guide rails (10).





## EUROPEAN SEARCH REPORT

Application Number  
EP 07 25 3783

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	WO 92/04199 A1 (RIE FREDDY VAN [BE]) 19 March 1992 (1992-03-19) * page 8, line 1 - page 11, line 43; figures 1-29 *	1	
A	FR 1 417 270 A (GUY-CHARLES ROYER) 12 November 1965 (1965-11-12) * page 1, column 2, line 7 - page 2, column 2, line 13; figures 1-5 *	1	
A	DE 199 51 619 A1 (KOCH MICHAEL [DE]) 26 April 2001 (2001-04-26) * column 2, line 11 - column 3, line 39; figures 1,2 *	1	
A	EP 1 232 888 A1 (INALFA IND BV [NL] INALFA ROOF SYS GROUP BV [NL]) 21 August 2002 (2002-08-21) * column 1, paragraph 16 - column 4, paragraph 29; figures 1-14 *	1	TECHNICAL FIELDS SEARCHED (IPC) B63B
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 15 June 2011	Examiner Lendfers, Paul
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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EPO FORM 1503 03 82 (P04C01)

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

EP 07 25 3783

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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15-06-2011

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