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(54) **Pleated screen device**

(57) Described herein is a pleated screen device constituted by a screen (10) inserted between vertical sectional elements (11 and 12), the first one (11) of which is fixed and the second one (12) can be moved manually from a position in which it is set up against the fixed sectional element (11) and the screen (10) is closed, folded up on itself, to a position in which the mobile sectional element (12) is set up against the frame of the framework for containing the device and the screen (10) is open; the mobile sectional element (12) is guided in its movements of translation through chain guide means, a top one (14) and a bottom one (15), which are able to slide in respective guides made in the frame of the framework; extending in a direction transverse to the screen (10) are cords (18 and 19), which at one end of their own are fixed to the mobile sectional element (12) and extend along the screen (10) as far as the fixed sectional element (11), where they are prolonged to form a tensioning system; one (18) of the cords, if the cords number two, or else a set of cords, if the cords number more than two, extends (18') in the fixed sectional element (11), passing through a hole thereof, downwards as far as a return roller (20) fixed to a base body (21) applied in a removable way to the fixed sectional element (11) and proceeds (18'') as far as the end element (15') of the bottom guide chain (15) to which it is fixed (23); the other cord or set of cords (19) also enters with its extension (19') in the fixed sectional element (11), through another hole, and proceeds upwards as far as a second return roller (25) fixed to a top body (22), which is also applied in a removable way

to the fixed sectional element (11); said extension (19') proceeds (19'') as far as the end element (14') of the top guide chain (14) to which it is fixed (24).

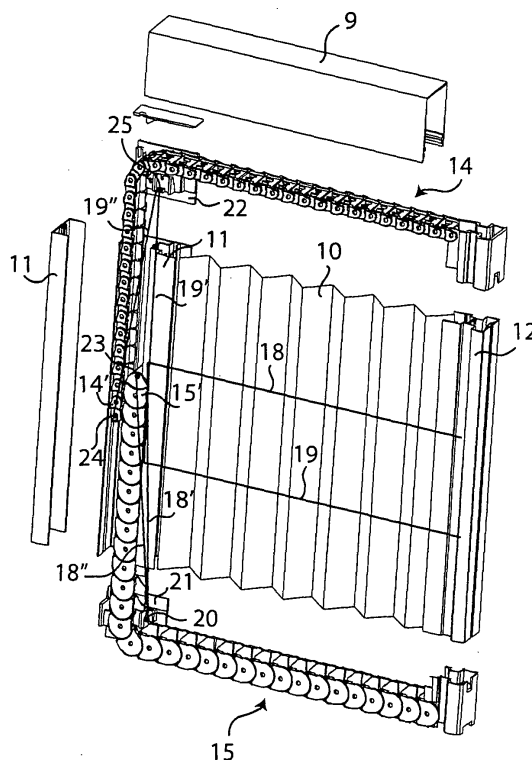


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 07 01 8476

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	EP 1 653 038 A (SEIKI HANBAI CO LTD [JP]) 3 May 2006 (2006-05-03) * paragraph [0008] - paragraph [0018] * * paragraph [0042] - paragraph [0043] * * paragraph [0060] - paragraph [0063] * * figures 11,16 *	1-3,5-7	INV. E06B9/52
A	-----	4	
			TECHNICAL FIELDS SEARCHED (IPC)
			E06B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 March 2009	Examiner Cornu, Olivier
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.**

EP 07 01 8476

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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26-03-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1653038 A	03-05-2006	AU 2004252353 A1	06-01-2005
		CA 2529682 A1	06-01-2005
		WO 2005001230 A1	06-01-2005
		KR 20060034654 A	24-04-2006
		TW 255879 B	01-06-2006
		US 2006162871 A1	27-07-2006
