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(12)

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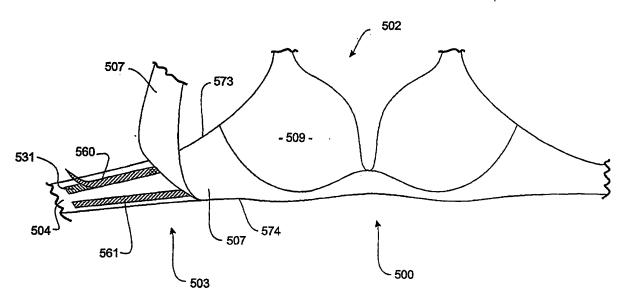
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#### (54) Improvements to brassieres

(57) A bra that includes two breast cups that each include an outer fabric layer and an inner fabric layer and wherein a neckline perimeter of each breast cup is defined at least by one of the outer fabric layer and inner

fabric layer, wherein at each breast cup, a core pad is captured between the inner fabric layer and the outer fabric layer that includes a tapered perimeter region to define a thin perimeter region, said thin perimeter region located inward of the neckline perimeter.



**FIG. 14** 

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## **EUROPEAN SEARCH REPORT**

Application Number EP 09 07 5168

Category	Citation of document with in of relevant passa	dication, where appropriate,		lelevant o claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X A	US 4 314 569 A (SPE 9 February 1982 (19	NO JOANNE E)	1, 3-	2,8,12 7, 11,13,	INV. A41C3/00 A41C3/12	
X A	US 6 397 397 B1 (CH 4 June 2002 (2002-0 * column 2, line 22 *		13	2,4, ,14 5-12		
X A	FR 2 787 681 A (LEL [FR]) 30 June 2000 * page 2, line 27 - figures 1,2 *	ORRAIN DENISE LEROLLE (2000-06-30) page 4, line 8;	1,			
X A	JP 2005 023459 A (D 27 January 2005 (20 * abstract; figures	05-01-27)	1, 3-			
X A	JP 2004 308066 A (R 4 November 2004 (20 * abstract; figures	04-11-04)	1, 3-		TECHNICAL FIELDS SEARCHED (IPC)	
E	EP 1 935 263 A (REG ENTPR [HK]) 25 June * paragraph [0119] figures 14,15 *		1-	14		
X A	US 2006/105673 A1 ( 18 May 2006 (2006-0) * paragraph [0068] figures 1-36 *	5-18)	1- 10 9	8, -14		
А	23 July 1996 (1996-	 NSTONE HAIDEE M [US]) 97-23) - column 7, line 24; 	1-	14		
	The present search report has b	een drawn up for all claims	1			
	Place of search Munich	Date of completion of the search  14 September 200	99	Her	Examiner ry-Martin, D	
X : part Y : part docu A : tech	LATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anoth iment of the same category nological background written disclosure	T : theory or princip E : earlier patent do after the filing de	ole unde ocumen ate in the a for othe	erlying the ir at, but publis application er reasons	nvention hed on, or	



### **EUROPEAN SEARCH REPORT**

**Application Number** EP 09 07 5168

Category	Citation of document with indication		Relevant	CLASSIFICATION OF THE
Jalegory	of relevant passages		to claim	APPLICATION (IPC)
А	GB 1 218 979 A (PENNYRI INC [US]) 13 January 19 * page 3, line 9 - page figures 1-5 *	CH INTERNATIONAL 1 71 (1971-01-13)	-14	
				TECHNICAL FIELDS SEARCHED (IPC)
	The present search report has been dr	awn up for all claims  Date of completion of the search		Examiner
		·	lla.	
CA X : parti Y : parti docu A : tech	Munich  ITEGORY OF CITED DOCUMENTS  cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological background written disclosure	T: theory or principle un E: earlier patent documenter the filing date D: document cited in the L: document cited for ot  8: member of the same	derlying the in ent, but publis a application her reasons	shed on, or



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CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing claims for which payment was due.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.
LACK OF UNITY OF INVENTION
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
see sheet B
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



# LACK OF UNITY OF INVENTION SHEET B

**Application Number** 

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1,2

Bra with at least one elastic band wherein the interior most panel and exterior most panel are fabric

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2. claims: 3,6,7,8,9,10,11,12,13,14

Bra wherein intermediate of at least one of the exterior most panel and interior most panel, and the at least one elastic band, is at least one additional panel. Bra wherein the interior most panel and the exterior most panel are coextensive each other Etc

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

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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.

14-09-2009

Oite	Patent document ed in search report		Publication date		Patent family member(s)		Publication date
US	4314569	Α	09-02-1982	NONE			•
US	6397397	B1	04-06-2002	NONE			
FR	2787681	Α	30-06-2000	NONE			
JP	2005023459	A	27-01-2005	CN HK	1575679 1072879		09-02-20 30-03-20
JP	2004308066	Α	04-11-2004	NONE			
EP	1935263	Α	25-06-2008	EP EP WO US	2087799 2087800 2008075972 2008153388	A1 A1	12-08-20 12-08-20 26-06-20 26-06-20
US	2006105673	A1	18-05-2006	CN CN	2887092 201076018		11-04-20 25-06-20
US	5538502	Α	23-07-1996	NONE			
GB	1218979	 А	13-01-1971	NONE			