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(72) Inventor: **Yeung, Tony**  
**Nan Kang District**  
**115 Taipei (CN)**

(74) Representative: **Brandenburger, Karin et al**  
**Brandenburger & Liu**  
**Schillerstrasse 30**  
**80336 München (DE)**

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(71) Applicant: **Yeung, Tony**  
**Nan Kang District**  
**115 Taipei (CN)**

(54) **A carrier device having adjustable strap and the usage thereof**

(57) The present invention provides a carrier device (200) having an adjustable strap (220) comprising a carrier body (210), at least one strap (220) and a reel device (10) is provided. At least one strap (220) movably disposed on one side of the carrier body (210). The reel device (10) disposed at one side of the carrier body (210), the reel device (10) having at least one spool (14), at least one retractable wire (18a) and a latch (16). The retractable wire (18a) is coiled on the spool (14) and the latch (16) is disposed on the reel device (10) and releasably limits a relative movement between the retractable wire (18a) and the spool (14) which allows an user to quickly and easily adjust the length of the strap (220) to the desired length.

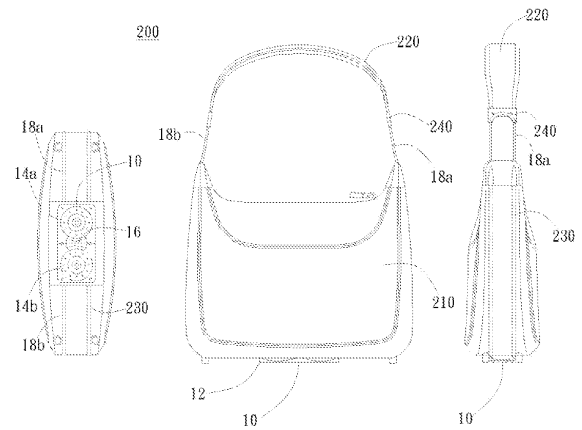


Fig. 2





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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:  
1-9, 18-23
- 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  
EP 08 10 4671

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: 1-9, 18-23

Carrier device and use of a carrier device as per claim 1

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2. claims: 10-17

Carrier device as per claim 10

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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  
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14-10-2010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005279797	A1	22-12-2005	NONE
EP 0428967	A1	29-05-1991	AU 644819 B2 23-12-1993 AU 6586390 A 30-05-1991 CA 2030399 A1 22-05-1991 DE 69029924 D1 27-03-1997 DE 69029924 T2 28-05-1997
EP 0385955	A2	05-09-1990	IT 217863 Z2 11-02-1992 JP 2268705 A 02-11-1990 KR 950004661 Y1 13-06-1995 US 5027874 A 02-07-1991
GB 2238955	A	19-06-1991	NONE