(19) Europäisches Patentamt
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(11) **EP 1 837 199 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
13.08.2008 Bulletin 2008/33

(43) Date of publication A2:
26.09.2007 Bulletin 2007/39

(21) Application number: **07103932.5**

(22) Date of filing: **12.03.2007**

(51) Int Cl.:
B42F 13/24 *(2006.01)* ***B42F 13/22*** *(2006.01)*

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK RS

(30) Priority: **15.03.2006 CN 200610059168**

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(54) Ring binder mechanism

(57) A ring binder mechanism (100) for retaining loose-leaf pages, comprising: a housing (101); hinge plates (105) supported by the housing (101) for pivoting motion; a plurality of rings each comprising two ring members, at least one of two ring members being mounted to the corresponding hinge plate and moveable with pivoting motion of the corresponding hinge plate relative to the other ring member between a closed position and an open position; and a rotatably mounted control means; wherein each of the ring members comprises a ring section for retaining loose-leaf pages and a ring section for mounting to the hinge plates (105) or the housing (101), and the ring sections for mounting to the hinge plate (105) or the housing (101) of the two ring members of at least one of two rings mounted near the longitudinal ends of the housing form respectively an inside angle of no more than 90° with respect to a plane on which the ring sections for retaining loose-leaf pages of the two ring members locate. Furthermore, two hinge plates have different widths. According to the invention, the raw materials used for producing the ring binder mechanism may be decreased remarkably, thereby lowering the cost for production, package and shipment. The opening between the free ends of the two ring members is also enough to facilitate adding or removing loose-leaf pages from the rings.

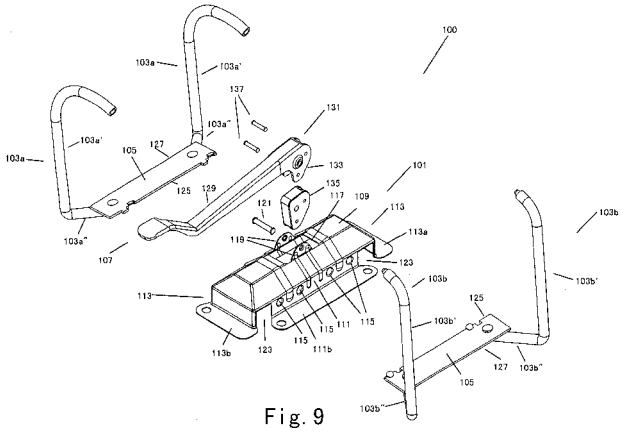


Fig. 9

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EUROPEAN SEARCH REPORT

Application Number
EP 07 10 3932

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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EPO FORM 1503 03.82 (P04C01)

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