

Title (en)

Device with removable flat rings for a loose leaf binder

Title (de)

Vorrichtung mit entfernbaren flachen Ringen für Hefter von losen Blättern

Title (fr)

Mécanisme à anneaux plats détachables pour classeurs à feuilles mobiles

Publication

**EP 0768190 A3 19971217 (FR)**

Application

**EP 96116041 A 19961007**

Priority

IT VI950160 A 19951012

Abstract (en)

[origin: EP0768190A2] The mechanism is made from a fastening strip (1), rings (2) and screws (3), all moulded together in one piece from a plastics material. When required for use, the screws are separated from the strip and fitted through holes (17) in the strip and into prepared holes in the cover of the binder. They are tightened with the aid of a coin in the screw head slots. The rings are also detached from the strip and fitted by shaped lugs (5) engaging with matching recesses (8) in the strip so that they lie perpendicular to it. The tips of the rings' open ends are shaped to engage when pushed together and release when pulled apart. The mechanism can be re-used with a new binder cover when the old one has to be discarded.

IPC 1-7

**B42F 13/00**

IPC 8 full level

**B42F 13/12** (2006.01); **B42F 13/14** (2006.01); **B42F 13/16** (2006.01)

CPC (source: EP US)

**B42F 13/12** (2013.01 - EP US)

Citation (search report)

- [A] US 5281040 A 19940125 - HODKIN RICHARD K [GB], et al
- [A] WO 9108913 A1 19910627 - NORDGREN ROBERT [SE]
- [A] US 5018896 A 19910528 - VANNI ROBERT R [US]

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**EP 96116041 A 19961007**; AT 96116041 T 19961007; CA 2187138 A 19961004; DE 69605749 T 19961007; ES 96116041 T 19961007; IT VI950160 A 19951012; JP 27048096 A 19961014; PL 31649296 A 19961011; US 72476596 A 19961003