

Title (en)

A lever for a ring binder mechanism

Title (de)

Hebel für einen Ringbindungsmechanismus

Title (fr)

Levier pour mécanisme de reliure à anneaux

Publication

**EP 1832441 A3 20070926 (EN)**

Application

**EP 07108894 A 20051117**

Priority

- EP 05110903 A 20051117
- US 66412505 P 20050322
- US 19032805 A 20050727

Abstract (en)

[origin: EP1832441A2] A ring mechanism (1) for retaining loose-leaf pages comprises a housing (11) and ring members (13) for holding loose-leaf pages that are moveable relative to the housing between an open and closed position. An actuation system (15) moves the ring members (13) and includes hinge plates (27a,27b) pivotally mounted on the housing and a lever actuating pivoting movement of the hinge plates in at least one direction (e.g., moving the hinge plates and ring members to the open position). The lever (15) is connected to a travel bar (45) that moves lengthwise of the housing (11) between a position blocking pivoting movement of the hinge plates and a position allowing pivoting movement of the hinge plates. At least one of the lever and the hinge plates deforms when the lever moves to delay pivoting movement of the hinge plates so that the lever may move the travel bar so that it does not block movement of the hinge plates.

IPC 8 full level

**B42F 13/26** (2006.01)

CPC (source: EP)

**B42F 13/26** (2013.01)

Citation (search report)

- [X] US 4813803 A 19890321 - GROSS RICHARD L [US]
- [X] GB 2275023 A 19940817 - WORLD WIDE STATIONERY MFG CO [HK]
- [X] US 1996463 A 19350402 - DAWSON GEORGE H, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1832441 A2 20070912; EP 1832441 A3 20070926; EP 1832441 B1 20141022**

DOCDB simple family (application)

**EP 07108894 A 20051117**