

Title (en)

Positive lock ring binder mechanism

Title (de)

Ringordnermechanismus mit positiver Verriegelung

Title (fr)

Mécanisme de reliure positive à anneau de verrouillage

Publication

EP 1854643 A2 20071114 (EN)

Application

EP 07107067 A 20050127

Priority

- EP 05250415 A 20050127
- US 55323104 P 20040315
- US 87016804 A 20040617

Abstract (en)

A ring binder mechanism for retaining loose-leaf pages. The mechanism has ring members (63) that positively lock together to prevent unintentional openings. The mechanism includes a housing (11) that supports pivoting motion of hinge plates (59,61) for bringing the ring members to either an open position and a closed position. The mechanism also includes a control structure (15) that can pivot relative to the housing to controllably move the hinge plates to bring the ring members (63) together. In a closed and locked position of the mechanism, the control structure is releasably held behind protrusions of the hinge plates, thereby blocking the hinge plates pivoting motion and positively locking the ring members together.

IPC 8 full level

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CPC (source: EP)

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