

Title (en)
Low-profile ring binder mechanism

Title (de)
Flacher Ringordnerbindemechanismus

Title (fr)
Mécanisme de classeur à anneaux à profil bas

Publication
EP 2862723 A1 20150422 (EN)

Application
EP 14186275 A 20140924

Priority
• CN 201310481957 A 20131015
• CN 201320635882 U 20131015

Abstract (en)
A ring binder mechanism for retaining loose-leaf pages includes an elongate housing, a first and second hinge plate, at least one ring for holding the loose-leaf pages, and an actuator mounted on the housing. Each ring includes a first ring member and a second ring member. The first ring member is mounted on the first hinge plate for movement with the hinge plate relative to the housing between a closed position and an opened position. The first hinge plate has a first hinge member and the second hinge plate has a second hinge member. The hinge members are disposed at a distance from the mid-plane that is the same as or less than the greatest distance between the upper surface and the mid-plane. An actuator is mounted on the housing for pivotal movement relative to the housing for moving the rings from their closed position to their opened position.

IPC 8 full level
B42F 13/22 (2006.01); **B42F 13/38** (2006.01)

CPC (source: EP)
B42F 13/26 (2013.01)

Citation (search report)
• [XYI] EP 1795367 A2 20070613 - KING JIM CO LTD [JP]
• [X] WO 2012066818 A1 20120524 - KOKUYO KK [JP], et al
• [Y] FR 2411715 A1 19790713 - LORDAT LOUIS [FR]
• [Y] WO 0236359 A2 20020510 - WORLD WIDE STATIONERY MFG CO [CN], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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EP 14186275 A 20140924; CA 2864527 A 20140923; JP 2014182078 A 20140908