

Title (en)  
Ring binder mechanism

Title (de)  
Ringordnermechanik

Title (fr)  
Mécanisme de classeur

Publication  
**EP 2230093 A3 20111130 (DE)**

Application  
**EP 10153146 A 20100210**

Priority  
DE 102009010348 A 20090225

Abstract (en)  
[origin: EP2230093A2] The mechanism has ring elements (14, 14') connected with two pivoting strips (2, 2'), respectively, where the mechanism is formed as a plastic-injection mold part. The pivoting strips are jointly connected with a carrier (1) and interconnected by a hinge (9) such that the pivoting strips are switched between the operating positions by bending one of the pivoting strips and/or the hinge. Rings (3, 3') are present in opening and closing positions in the two operating positions of the pivoting strips, respectively. The hinge is formed as a film hinge.

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

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

Citation (search report)  
• [X] FR 2221924 A5 19741011 - DELKA SA [FR]  
• [X] US 2002085876 A1 20020704 - KO CHUNG NIN [HK]  
• [A] FR 2182389 A6 19731207 - GUILBERT ETS [FR]

Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2230093 A2 20100922; EP 2230093 A3 20111130**; DE 102009010348 A1 20100826; DE 202010017670 U1 20120405

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