

Title (en)
RING BINDER MECHANISM

Title (de)
RINGBUCHMECHANIK

Title (fr)
MECANISME DE CLASSEUR

Publication
EP 1054780 B1 20020717 (DE)

Application
EP 99901561 A 19990205

Priority
• CH 9900053 W 19990205
• CH 30198 A 19980205

Abstract (en)
[origin: WO9939920A1] The invention relates to a ring binder mechanism with at least two rings consisting of at least two ring elements (2, 3). The ring elements (2, 3) are pivotally fixed on a pad (1) so that the end zones (9, 10) of said ring elements (2, 3) contact each other in a closed end position. The ring elements (2, 3) are made of plastic and are fixed on the pad (1) by means hinge elements (11). This enable simple and cost-effective large-scale production of ring binder mechanisms.

IPC 1-7
B42F 13/22

IPC 8 full level
B42F 13/22 (2006.01)

CPC (source: EP)
B42F 13/22 (2013.01)

Cited by
KR100853324B1; EP1512549A4; US7665925B2; US7628103B2; US7665943B2; US7748941B2; US7500813B2; US7503740B2

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
WO 9939920 A1 19990812; AU 2147399 A 19990823; AU 748380 B2 20020606; CA 2319369 A1 19990812; CH 692495 A5 20020715; DE 59902036 D1 20020822; EP 1054780 A1 20001129; EP 1054780 B1 20020717; JP 2002502728 A 20020129

DOCDB simple family (application)
CH 9900053 W 19990205; AU 2147399 A 19990205; CA 2319369 A 19990205; CH 30198 A 19980205; DE 59902036 T 19990205; EP 99901561 A 19990205; JP 2000530376 A 19990205