

Title (en)
LOOSE-LEAF BINDER

Publication
EP 0258464 B1 19910227 (DE)

Application
EP 86110844 A 19860805

Priority
DE 3530632 A 19850828

Abstract (en)
[origin: US4784507A] A filing device produced as a continuous one-piece body from a sheet or foil by a punching - stamping process has sequencing tongues supported as bending-elastic compression members moving easily with the folding movements of the file covers in insert strips and which are provided with locking members for easily detachable locking in their fastening position. This avoids bending of the sequencing tongues when closing the file covers and the sheets of the fastened sheet layers can be easily turned over and back along the sequencing tongues without the latter accidentally sliding out of the insert strips.

IPC 1-7
B42F 13/10

IPC 8 full level
B42F 13/06 (2006.01); **B42F 13/10** (2006.01)

CPC (source: EP US)
B42F 13/10 (2013.01 - EP US)

Cited by
EP0517108A1; DE102006000960A1; EP0729851A1; US5593184A; DE4400061B4

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4784507 A 19881115; AT E61018 T1 19910315; AU 593572 B2 19900215; AU 6176186 A 19870305; CA 1271388 A 19900710; DE 3530632 A1 19870305; DK 402386 A 19870301; DK 402386 D0 19860822; EP 0258464 A1 19880309; EP 0258464 B1 19910227; ES 2001115 A6 19880416; GR 862130 B 19861118; JP S6285998 A 19870420

DOCDB simple family (application)
US 89644786 A 19860813; AT 86110844 T 19860805; AU 6176186 A 19860822; CA 516642 A 19860822; DE 3530632 A 19850828; DK 402386 A 19860822; EP 86110844 A 19860805; ES 8601275 A 19860822; GR 860102130 A 19860813; JP 19575286 A 19860822