Title (en)

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Title (fr)

Classeur

Publication

EP 1138524 A3 20020116 (EN)

Application

EP 00307808 A 20000908

Priority

GB 0005605 A 20000308

Abstract (en)

[origin: EP1138524A2] There is disclosed a device for retaining a stack of hole-punched papers in a file, e.g. an arch lever mechanism for an arch lever file. The device comprises: a base (10); at least two rings (14) secured to and extending upwardly from the base for engaging the punched holes in the papers, each ring having a pin (16) for holding the papers when the file is closed and an arched section (18), whereby papers on the top of a stack can be slid over the first section and retained on the second section so that papers lower down the stack can be exposed; and a mechanism for holding the first and second sections in a closed position in which the first and second sections form a closed ring and an open position (as shown) in which the pins and the arched sections are separated to allow papers to be added to, or removed from, the rings and two additional pins (20) without corresponding arched sections, the use of the additional pins which has the advantage that papers are held more securely on the pins (16, 20) than is the case with only two pins and yet the mechanism for opening and closing the rings is identical to the two ring device and is simpler than a device with four rings. <IMAGE>

IPC 1-7

B42F 13/24

IPC 8 full level

B42F 13/24 (2006.01)

CPC (source: EP)

B42F 13/24 (2013.01)

Citation (search report)

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1138524 A2 20011004; **EP 1138524 A3 20020116**; AU 2343301 A 20010917; CN 1154579 C 20040623; CN 1358144 A 20020710; GB 0005605 D0 20000503; IL 146360 A0 20020725; JP 2003525787 A 20030902; NO 20015451 D0 20011107; NO 20015451 L 20020107; PL 351031 A1 20030310; WO 0166363 A1 20010913

DOCDB simple family (application)

EP 00307808 A 20000908; AU 2343301 A 20001229; CN 0000741 W 20001229; CN 00809609 A 20001229; GB 0005605 A 20000308; IL 14636000 A 20001229; JP 2001565194 A 20001229; NO 20015451 A 20011107; PL 35103100 A 20001229