

Title (en)

Closing device for binding combs.

Title (de)

Schliessvorrichtung für Bindekämme.

Title (fr)

Dispositif de fermeture de peignes de reliure.

Publication

EP 0438748 B1 19940323 (DE)

Application

EP 90125011 A 19901220

Priority

DE 4002144 A 19900125

Abstract (en)

[origin: DE4002144A1] The closing mechanism bends clip prongs of a loose leaf binding system into engagement and has two opposite jaws (1,2). Each jaw has rib-type tools (5,6;7,8) forming lines of contact points for the C-shaped prongs (9) of the clip (10). The top ones (5,6) are so designed that they generate a greater friction grip on the prongs. For this purpose they are pref spaced further apart than the bottom ones (7,8).

IPC 1-7

B42B 5/10

IPC 8 full level

B42B 5/10 (2006.01)

CPC (source: EP US)

B42B 5/103 (2013.01 - EP US)

Cited by

EP0529881A1; US5324154A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0438748 A2 19910731; EP 0438748 A3 19910821; EP 0438748 B1 19940323; DE 4002144 A1 19910801; DE 59005112 D1 19940428; US 5197842 A 19930330

DOCDB simple family (application)

EP 90125011 A 19901220; DE 4002144 A 19900125; DE 59005112 T 19901220; US 63985591 A 19910111