

Title (en)  
FASTENING ELEMENT, METHOD FOR BINDING A PLURALITY OF SHEETS WITH FASTENING ELEMENT, AND DEVICE FOR BINDING A PLURALITY OF SHEETS WITH THE SAME

Title (de)  
BEFESTIGUNGSELEMENT, VERFAHREN ZUM BINDEN MEHRERER BÖGEN MIT DEM BEFESTIGUNGSELEMENT UND VORRICHTUNG ZUM BINDEN MEHRERER BÖGEN DAMIT

Title (fr)  
ELEMENT D'ATTACHE, PROCEDE D'ASSEMBLAGE D'UNE PLURALITE DE FEUILLES UTILISANT CET ELEMENT D'ATTACHE ET DISPOSITIF D'ASSEMBLAGE D'UNE PLURALITE DE FEUILLES UTILISANT CE PROCEDE

Publication  
**EP 1456037 B1 20051214 (EN)**

Application  
**EP 02803579 A 20021121**

Priority  
• PL 0200093 W 20021121  
• PL 35081201 A 20011122

Abstract (en)  
[origin: WO03043834A1] A fastening element for binding a plurality of sheets, which constitutes a channel, one vertical side wall (1) of which is bended in its upper part at an angle approaching the right angle, constituting over a whole length of this wall a crosspiece (2) with a width which is significantly less than the dimensions of the remaining walls, and to the horizontal base (3) and/or the vertical side wall (1) and/or (4) there are secured stops (11) in an inappreciable distance from the both ends of the fastening element, wherein the second vertical side (4) has a height greater than that of the side wall (1). A method for binding a plurality of sheets with a fastening element, comprising placing the sheets to be bound into this element in such a way that their edges intended to be bound rest on the plane base, and it is exclusively the second vertical side wall (4) which is deformed such that it is brought closer to the vertical side wall (1). A device for binding a plurality of sheets with a fastening element is provided with a fixed bed (5) with a L-shaped cross section as well as a deforming element (7) which may move over a lower part of the fixed bed (5).

IPC 1-7  
**B42F 9/00**

IPC 8 full level  
**B42F 9/00** (2006.01)

CPC (source: EP)  
**B42B 5/06** (2013.01); **B42F 9/008** (2013.01)

Cited by  
DE102006045289A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03043834 A1 20030530; WO 03043834 B1 20031023**; AT E312724 T1 20051215; AU 2002366109 A1 20030610; DE 60208077 D1 20060119; DE 60208077 T2 20060817; EP 1456037 A1 20040915; EP 1456037 B1 20051214; EP 1456037 B9 20060503; ES 2254789 T3 20060616; NO 20042468 L 20040614; NO 327524 B1 20090803; PL 193931 B1 20070430; PL 350812 A1 20030602; RU 2004118711 A 20050310; RU 2301744 C2 20070627; UA 76255 C2 20060717

DOCDB simple family (application)  
**PL 0200093 W 20021121**; AT 02803579 T 20021121; AU 2002366109 A 20021121; DE 60208077 T 20021121; EP 02803579 A 20021121; ES 02803579 T 20021121; NO 20042468 A 20040614; PL 35081201 A 20011122; RU 2004118711 A 20021121; UA 20040604816 A 20021121