

Title (en)  
CLAMP FOR HOLDING FLAT OBJECTS

Title (de)  
KLAMMER ZUM HALTEN VON FLÄCHIGEN GEGENSTÄNDEN

Title (fr)  
PINCE POUR TENIR DES OBJETS PLANS

Publication  
**EP 1040065 A1 20001004 (DE)**

Application  
**EP 98942447 A 19980921**

Priority  

- CH 9800406 W 19980921
- CH 290197 A 19971217

Abstract (en)  
[origin: WO9930997A1] Both limbs of the clamp (2, 3), which are pivotally arranged on the axis of a bearing, are rotated from a closing position into an open position and vice versa by an actuating device (12). The actuating device (12) can be displaced from a top end position (13) to a lower end position (14). The actuating device (12) exerts a closing or clamping force on the outer side (22, 23) of the limbs of the clamp (2, 3) in said lower end position (14). When the actuating device (12) is displaced to the top end position (13), an expanding element (15) arranged between the limbs of the clamp (2, 3) comes into contact with the inner side (24, 25) of the limbs of the clamp (2, 3) and exerts an opening force on the limbs of the clamp (2, 3) so that said limbs (2, 3) are swung at a large angle (alpha) in their open position.

IPC 1-7  
**B65H 29/04**

IPC 8 full level  
**B65H 29/04** (2006.01)

CPC (source: EP US)  
**B65H 29/003** (2013.01 - EP US)

Citation (search report)  
See references of WO 9930997A1

Designated contracting state (EPC)  
CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9930997 A1 19990624**; AU 9060098 A 19990705; CA 2308501 A1 19990624; CA 2308501 C 20070102; DE 59804210 D1 20020627;  
DK 1040065 T3 20020708; EP 1040065 A1 20001004; EP 1040065 B1 20020522; US 6290227 B1 20010918

DOCDB simple family (application)  
**CH 9800406 W 19980921**; AU 9060098 A 19980921; CA 2308501 A 19980921; DE 59804210 T 19980921; DK 98942447 T 19980921;  
EP 98942447 A 19980921; US 55518000 A 20000522