

Title (en)

DEVICE FOR JOINING FLAT ELEMENTS OR OTHER COMPONENTS

Title (de)

VERBINDUNGSVORRICHTUNG FÜR FLÄCHIGE KÖRPER ODER SONSTIGE BAUTEILE

Title (fr)

DISPOSITIF D'ASSEMBLAGE POUR CORPS PLATS OU AUTRES COMPOSANTS

Publication

EP 1055073 A2 20001129 (DE)

Application

EP 99910221 A 19990211

Priority

- DE 19805538 A 19980211
- EP 9900916 W 19990211

Abstract (en)

[origin: WO9941508A2] The invention relates to a device for joining flat elements or other components by pressure clamping, where one of the elements comprises a fixing groove or surface. Into said fixing groove a substantially U-shaped formed clamping part is introduced which on at least one shank has an elastic clamping arm pointing inwards and extending in the direction of the shaped part. The clamping arm has a profiled surface, especially a tothing, oriented against the direction of withdrawal of the element or component to be fixed so that by overcoming the resilience of the clamping arm the component to be fixed can be pressed from the open side of the U-shaped clamping profile into same and is fixed by the tension of the clamping arm as well as by the surface profile and cross-sectional shape.

IPC 1-7

F16B 1/00

IPC 8 full level

E06B 3/54 (2006.01); **E06B 3/58** (2006.01); **F16B 2/18** (2006.01); **F16B 5/06** (2006.01)

CPC (source: EP)

E06B 3/5454 (2013.01); **E06B 3/5871** (2013.01); **F16B 2/185** (2013.01); **F16B 5/06** (2013.01)

Citation (search report)

See references of WO 9941508A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9941508 A2 19990819; **WO 9941508 A3 19990923**; AU 2926299 A 19990830; DE 19980228 D2 20010712; EP 1055073 A2 20001129

DOCDB simple family (application)

EP 9900916 W 19990211; AU 2926299 A 19990211; DE 19980228 T 19990211; EP 99910221 A 19990211