

Title (en)  
Fixing method

Title (de)  
Fixierungsverfahren

Title (fr)  
Méthode de fixation

Publication  
**EP 1443160 A1 20040804 (EN)**

Application  
**EP 03250673 A 20030203**

Priority  
EP 03250673 A 20030203

Abstract (en)  
The invention provides (g) providing a spacer device which comprises a wedge element having a cross-section which has a narrow end and a wide end and which is connected at or near the narrow end to a clip element which has a first end connected to the narrow end of the wedge element and a second, free end, whereby the wedge element and the clip element are configured so that they define a gap between the wedge element and the clip element, (h) inserting one edge of the panel into the gap between the wedge element and the clip element, and (i) affixing the spacer device and the panel to the surface, wherein the wedge element or the clip element or both are formed from resilient material such that the gap into which the edge of the panel is inserted has, in the absence of external forces, a width less than the thickness of the part of the panel inserted between the wedge element and the clip element and whereby the insertion of the edge of the panel forces the size of the gap to increase, thus securing the panel between the wedge element and the clip element, and the wedge element has a first surface which contacts with the surface onto which the panel is to be affixed and a second surface which contacts the panel itself.

IPC 1-7  
**E04F 13/08**

IPC 8 full level  
**E04F 13/08** (2006.01)

CPC (source: EP)  
**E04F 13/0864** (2013.01)

Citation (search report)  
• [A] WO 0138665 A1 20010531 - CERAMIT AG [CH], et al  
• [A] EP 0130561 A2 19850109 - KLINK WINFRED  
• [A] US 2003014936 A1 20030123 - WATANABE MORIMICHI [JP]

Cited by  
US2012272603A1; US9297166B2; WO2007067658A3; US7765754B2; US9200457B2

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

DOCDB simple family (publication)  
**EP 1443160 A1 20040804**; AT E499491 T1 20110315; DE 602004031503 D1 20110407; DK 1590540 T3 20110606; EP 1590540 A1 20051102; EP 1590540 B1 20110223; WO 2004070133 A1 20040819

DOCDB simple family (application)  
**EP 03250673 A 20030203**; AT 04705762 T 20040128; DE 602004031503 T 20040128; DK 04705762 T 20040128; EP 04705762 A 20040128; EP 2004000747 W 20040128