

Title (en)
Fixing device

Title (de)
Befestigungsvorrichtung

Title (fr)
Dispositif de fixation

Publication
EP 1136646 A3 20020724 (DE)

Application
EP 01105858 A 20010309

Priority
DE 20005059 U 20000320

Abstract (en)
[origin: EP1136646A2] An assembly (11) secures a glass panel (2) to a wall, ceiling or other structure (1) by a countersunk (3) bolt (12) held in a surrounding fixture (12,14), and passing through a hole in the glass. The glass panel is held at a distance from the base by a hexagonal spacer nut (26).

IPC 1-7
E06B 3/54; **E04F 13/14**

IPC 8 full level
E04F 13/14 (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP)
E04F 13/145 (2013.01); **E06B 3/5436** (2013.01)

Citation (search report)
• [XY] DE 19800614 A1 19990722 - PAULI GLASBAUBESCHLAEGE GMBH & [DE]
• [X] US 3224152 A 19651221 - EVANS RUPERT L
• [Y] EP 0878591 A1 19981118 - WUERTH ADOLF GMBH & CO KG [DE]
• [A] US 2272118 A 19420203 - IMSE PHILIP J, et al
• [A] NL 7203195 A 19730912

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

DOCDB simple family (publication)
DE 20005059 U1 20000525; EP 1136646 A2 20010926; EP 1136646 A3 20020724

DOCDB simple family (application)
DE 20005059 U 20000320; EP 01105858 A 20010309