

Title (en)

CONNECTING DEVICE AND CONNECTING FITTING

Title (de)

VERBINDUNGSVORRICHTUNG UND VERBINDUNGSBESCHLAGTEILEN

Title (fr)

DISPOSITIF ET MONTURE DE RACCORDEMENT

Publication

EP 1093547 A1 20010425 (EN)

Application

EP 99931609 A 19990702

Priority

- NO 9900223 W 19990702
- NO 983159 A 19980708

Abstract (en)

[origin: WO0003146A1] A device for detachably joining structural members such as furniture components, a door leaf and a door frame, a window sash and a window frame, wherein the device has connecting parts made in the form of a male part and a female part respectively. The device is characterised in that at least one of the connecting parts is designed to be capable of insertion with at least one portion thereof into a hole adapted to the circumference thereof in the associated structural member; that at least one sector of the circumference of the connecting part is made having projecting gripping flanges; and that said hole is so designed that when the connecting part is turned in the hole through an angle equal to the angular extent of the gripping flanges, the gripping flanges will cut their way into the material of the structural member and thus secure the connecting part in the structural member.

IPC 1-7

F16B 5/06; F16B 5/10

IPC 8 full level

F16B 5/02 (2006.01); **F16B 5/06** (2006.01); **F16B 12/14** (2006.01); **F16B 15/06** (2006.01); **F16B 19/00** (2006.01)

CPC (source: EP)

F16B 12/14 (2013.01); **F16B 15/06** (2013.01); **F16B 19/00** (2013.01)

Citation (search report)

See references of WO 0003146A1

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 0003146 A1 20000120; AU 4805399 A 20000201; EP 1093547 A1 20010425; JP 2002520547 A 20020709; NO 983159 L 20000110

DOCDB simple family (application)

NO 9900223 W 19990702; AU 4805399 A 19990702; EP 99931609 A 19990702; JP 2000559352 A 19990702; NO 983159 A 19980708