

Title (en)
Corner connector

Title (de)
Eckverbinder

Title (fr)
Pièce de liaison d'angle

Publication
EP 1342877 A3 20040114 (DE)

Application
EP 03002823 A 20030207

Priority
DE 10210309 A 20020308

Abstract (en)
[origin: EP1342877A2] The corner connector is for connecting two hollow chamber profiles (1) mitred from weldable plastic for windows, doors or similar and is provided with a shaft part (6) and a disk part (8), which commonly in a hollow chamber profile can be displaced from the mitred side (2) in an introduction direction (X). The shaft part on its one end has an inclined surface (9) corresponding to the mitring (2) of the hollow chamber profile, together with side flanks (45) for location on inner surfaces of the hollow chamber profile (1,4). In one of the two side surfaces connecting the side flanks of the shaft part is a groove running in the introduction direction, in which the disk part locates and is displaceable oppositely to the introduction direction. On each of the two sides of the disk part or the shaft part, two lateral braceable components are provided.

IPC 1-7
E06B 3/96

IPC 8 full level
E06B 3/96 (2006.01); **E06B 3/972** (2006.01)

CPC (source: EP)
E06B 3/9608 (2013.01); **E06B 3/9725** (2013.01)

Citation (search report)
• [DXY] DE 10039403 C1 20011213 - REICHEL PHI GMBH [DE]
• [Y] DE 9006803 U1 19900823

Cited by
EP2011949A3; CN105003017A; EP2011949A2

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 1342877 A2 20030910; EP 1342877 A3 20040114; DE 10210309 A1 20031002; DE 10210309 B4 20040129

DOCDB simple family (application)
EP 03002823 A 20030207; DE 10210309 A 20020308