

Title (en)

Corner connecting device between two door frame members, and door frame provided therewith

Title (de)

EckverbindungsVorrichtung zum Verbinden einer ersten Zarge mit einer zweiten Zarge sowie damit versehener Zargenrahmen

Title (fr)

Joint d'angle entre deux parties d'un dormant et dormant correspondant

Publication

EP 0940550 A3 20001004 (DE)

Application

EP 99104285 A 19990303

Priority

DE 29803814 U 19980304

Abstract (en)

[origin: EP0940550A2] At least one tab (34,36) extends from the first frame (10), being preferably of one-piece structure with it, and is spot-welded to the second frame. The points at which the at least one tab is spot-welded to the second frame are defined by studs (38) produced by embossing in the unwelded state. The second tab (36) is so angled in its extent from the abutting area (22) of the first frame that on fitting together of the frames it locates on the area of the second frame abutting over the corner. One of the two frames, preferably the first, is horizontally arranged and the other second frame is a side structure of the first. The horizontal frame is composed of two part components (18,20), of which the first (18) is an angle with two arms (22,30).

IPC 1-7

E06B 3/988; **E06B 1/52**; **E06B 5/16**

IPC 8 full level

E06B 1/52 (2006.01); **E06B 1/60** (2006.01); **E06B 3/96** (2006.01); **E06B 3/988** (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP)

E06B 1/526 (2013.01); **E06B 1/6092** (2013.01); **E06B 3/9604** (2013.01); **E06B 3/988** (2013.01)

Citation (search report)

- [YA] DE 2654822 A1 19780608 - SCHMID ALOIS
- [YA] DE 2062796 A1 19720629
- [A] DE 2947509 A1 19810527 - PODSZUCK GMBH & CO KG [DE], et al
- [A] DE 29700542 U1 19970220 - NOVOFERM GMBH [DE]
- [A] FR 2426141 A1 19791214 - HOERMANN KG [DE]

Cited by

GB2442733A; DE102004007217B4; KR100414645B1; EP1550786A2

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)

EP 0940550 A2 19990908; **EP 0940550 A3 20001004**; **EP 0940550 B1 20040616**; AT E269479 T1 20040715; DE 29803814 U1 19990708; DE 59909710 D1 20040722; ES 2218891 T3 20041116; PL 191991 B1 20060731; PL 331728 A1 19990913

DOCDB simple family (application)

EP 99104285 A 19990303; AT 99104285 T 19990303; DE 29803814 U 19980304; DE 59909710 T 19990303; ES 99104285 T 19990303; PL 33172899 A 19990303