

Title (en)

Cross bar connector

Title (de)

Verbindungsvorrichtung für eine Sprossenkreuzkonstruktion

Title (fr)

Dispositif de raccord pour petits bois

Publication

EP 0578268 B1 19980121 (DE)

Application

EP 93112155 A 19910810

Priority

- DE 4030335 A 19900925
- DE 4041161 A 19901221
- DE 9102189 U 19910225
- EP 91113443 A 19910810

Abstract (en)

[origin: EP0577150A1] The hollow profiled metal bar, esp. made of aluminium is for use in double-glazing, and has a lengthwise weld seam (12a). The seam is formed in a retracted portion of the profile, where it is concealed. There can also be a second retracted portion (8b) on the opposite side of the bar, and which is a mirror image of the first one (8). The bar can have two parallel sidewalls (6), and two other walls (7) at right angles to them with the retracted portions formed in them and running centrally in the lengthwise direction.

IPC 1-7

E06B 3/68; E06B 3/99

IPC 8 full level

B21C 37/08 (2006.01); **B21D 21/00** (2006.01); **B21D 39/06** (2006.01); **B21D 47/01** (2006.01); **B21D 51/00** (2006.01); **E06B 3/66** (2006.01); **E06B 3/663** (2006.01); **E06B 3/667** (2006.01); **E06B 3/68** (2006.01); **E06B 3/96** (2006.01); **E06B 3/99** (2006.01)

IPC 8 main group level

E06B (2006.01)

CPC (source: EP)

E06B 3/6604 (2013.01); **E06B 3/667** (2013.01); **E06B 3/68** (2013.01); **E06B 3/99** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0477513 A2 19920401; EP 0477513 A3 19930428; EP 0477513 B1 19961127; AT E145707 T1 19961215; AT E162588 T1 19980215; AT E177504 T1 19990315; AT E208457 T1 20011115; AT E216025 T1 20020415; CZ 268491 A3 19930512; CZ 283254 B6 19980218; CZ 286034 B6 19991215; CZ 287588 B6 20001213; DE 59108376 D1 19970109; DE 59108927 D1 19980226; DE 59109106 D1 19990415; DE 59109224 D1 20011213; DE 59109233 D1 20020516; DE 9116873 U1 19940526; DE 9116882 U1 19940505; DK 0477513 T3 19970512; DK 0577150 T3 19990927; DK 0578268 T3 19980914; EP 0577150 A1 19940105; EP 0577150 B1 19990310; EP 0578268 A1 19940112; EP 0578268 B1 19980121; EP 0724061 A2 19960731; EP 0724061 A3 19990630; EP 0724061 B1 20011107; EP 0801202 A2 19971015; EP 0801202 A3 19990623; EP 0801202 B1 20020410; ES 2032730 T1 19930301; ES 2032730 T3 19970201; ES 2110939 T1 19980301; ES 2112934 T3 19980416; ES 2130193 T3 19990701; FI 100730 B 19980213; FI 914462 A0 19910924; FI 914462 A 19920326; FI 956263 A0 19951227; FI 956263 A 19951227; FI 972601 A0 19970618; FI 972601 A 19970618; FI 97637 B 19961015; FI 97637 C 19970127; GR 3022311 T3 19970430; GR 3025985 T3 19980430; GR 3029823 T3 19990630; GR 920300091 T1 19930217; GR 970300064 T1 19980130; HU 216266 B 19990528; HU 912702 D0 19920128; HU T60359 A 19920828; JP H0687043 A 19940329; NO 300819 B1 19970728; NO 913227 D0 19910819; NO 913227 L 19920326; PL 168382 B1 19960229; PL 291812 A1 19920615; RU 2061168 C1 19960527; RU 2107138 C1 19980320; RU 95105461 A 19970427; SK 268491 A3 19940907; TR 26479 A 19950315; TR 26988 A 19940913

DOCDB simple family (application)

EP 91113443 A 19910810; AT 91113443 T 19910810; AT 93112155 T 19910810; AT 93112168 T 19910810; AT 96105101 T 19910810; AT 97111659 T 19910810; CS 268491 A 19910830; CZ 127195 A 19950517; CZ 139796 A 19910830; DE 59108376 T 19910810; DE 59108927 T 19910810; DE 59109106 T 19910810; DE 59109224 T 19910810; DE 59109233 T 19910810; DE 9116873 U 19910810; DE 9116882 U 19910810; DK 91113443 T 19910810; DK 93112155 T 19910810; DK 93112168 T 19910810; EP 93112155 A 19910810; EP 93112168 A 19910810; EP 96105101 A 19910810; EP 97111659 A 19910810; ES 91113443 T 19910810; ES 93112155 T 19910810; ES 93112168 T 19910810; ES 97111659 T 19910810; FI 914462 A 19910924; FI 956263 A 19951227; FI 972601 A 19970618; GR 920300091 T 19930217; GR 970300064 T 19980130; GR 970400077 T 19970116; GR 980400005 T 19980122; GR 990400913 T 19990330; HU 270291 A 19910814; JP 26251091 A 19910917; NO 913227 A 19910819; PL 29181291 A 19910924; RU 95105461 A 19950414; SK 268491 A 19910830; SU 5001553 A 19910924; TR 10493 A 19910919; TR 89691 A 19910919