

Title (en)

Plastic straight connector for hollow spacer profiles in insulating glazing

Title (de)

Linearverbinder aus Kunststoff zur Verbindung von hohlen Abstandhalterprofilen von Mehrscheibenisoliertgläsern

Title (fr)

Raccord rectiligne en matière plastique pour profilés intercalaires creux de vitrages isolants

Publication

EP 0651124 B1 19970820 (DE)

Application

EP 94114871 A 19940921

Priority

DE 9316728 U 19931102

Abstract (en)

[origin: EP0651124A1] In order to improve the installation of the linear connector into the spacer profiles, it is proposed to design the linear connector such that protrusions (2a,2b) on the parallel narrow sides of the body (1), which protrusions are arranged at a distance from one another in the longitudinal direction of the body and at an angle alpha of approximately 30 DEG -50 DEG with respect to the longitudinal axis B of the body, comprise lamellae which taper from the inside towards the outside to the border of the body, whose alignment angle on one length piece (6) differs from the alignment angle on the other length piece (7) by approximately 90 DEG , and whose tips (8) can be bent elastically by the profile wall when they are pushed into the profile hollow, the tips (23,24) of the mutually facing lamellae (2c,2d) at the ends of the two length pieces serving as stop elements in the centre of the body (1) and forming a gap (11) between them, and that cutting bur restraints (5) in the form of mutually facing run-on floats (14) are located on the surface of the body, in the region of the stop elements, which restraints rise up out of the surface of the body and form a gap (22) between them. <IMAGE>

IPC 1-7

E06B 3/667

IPC 8 full level

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CPC (source: EP)

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Cited by

US6739101B2; EP1231353A3; GB2353060A; GB2353060B; EP1475506A3; US7076927B2; US6568873B1; US8240107B2

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