

Title (en)
BEAM FOR WINDOW FRAMES

Publication
EP 0296280 B1 19910403 (DE)

Application
EP 87116493 A 19871109

Priority
DE 8708611 U 19870620

Abstract (en)
[origin: US4907391A] A structural support or connecting member for window frames achieves an improved transmission of forces effective on a window frame, a simplified and less expensive manufacture and installation, an improved reliable sealing against infiltration of water and air, and an improved thermal insulation. In the system a window frame component to be connected to the connecting member has at least one lengthwise extending slot on its side facing support member. The support member or connecting member is assembled of two similar or mirror-symmetrical essentially flat sectional elements (9, 9') attached to each other in a mirror-symmetrical fashion to form two hollow chambers (7a, 8a) which extend in parallel to and at a spacing from each other, and which are open laterally through open lengthwise channels (6, 6'). The bar members (9, 9') of the carrier further include at least one engaging flange (10, 11) which can respectively be inserted into and engage the slot (14, 15) of the window frame component (13) in a force transmitting manner.

IPC 1-7
E06B 1/60; **E06B 3/22**

IPC 8 full level
E06B 1/02 (2006.01); **E06B 1/60** (2006.01); **E06B 3/22** (2006.01)

CPC (source: EP US)
E06B 1/02 (2013.01 - EP US); **E06B 1/6007** (2013.01 - EP US)

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US 4907391 A 19900313; AT E62317 T1 19910415; DD 270560 A5 19890802; DE 3769144 D1 19910508; DE 8708611 U1 19871022; DK 165648 B 19921228; DK 165648 C 19930517; DK 658087 A 19881221; DK 658087 D0 19871215; EP 0296280 A2 19881228; EP 0296280 A3 19900307; EP 0296280 B1 19910403; ES 2021681 B3 19911116; FI 85051 B 19911115; FI 85051 C 19920225; FI 875368 A0 19871207; FI 875368 A 19881221; GR 3002004 T3 19921230; NO 171285 B 19921109; NO 171285 C 19930217; NO 874902 D0 19871125; NO 874902 L 19881221

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US 20934688 A 19880620; AT 87116493 T 19871109; DD 30909087 A 19871116; DE 3769144 T 19871109; DE 8708611 U 19870620; DK 658087 A 19871215; EP 87116493 A 19871109; ES 87116493 T 19871109; FI 875368 A 19871207; GR 910400179 T 19910528; NO 874902 A 19871125