

Title (en)  
CORNER JOINT FOR HOLLOW SECTIONS OF LIGHT METAL

Publication  
**EP 0065074 A3 19830309 (DE)**

Application  
**EP 82101416 A 19820225**

Priority  
DE 3119468 A 19810515

Abstract (en)  
[origin: EP0065074A2] 1. Corner connection member for hollow profiles of light metal, in particular to form spacer frames for an insulating glass plate, consisting of a metal corner connection angle piece having a roughly U-shaped cross-section whose arms are adapted to the internal cross-section of the hollow profile and whose curved corner region, which is provided with a notch, is formed raised relative to the side surfaces of the arms and forms stop means for the hollow profiles to be inserted, characterised in that the side walls of the U-shaped arms (2, 3) of the corner connection angle piece (1) are arranged overlapping in the corner region (4), in that a wall region (13) adjacent to a notch (12) extending transversely to the longitudinal axis of the arm (2, 3) is offset by the amount of its wall thickness from the original plane and, after bending the angle piece (1), comes to rest on the underformed other wall region (14) adjacent to the notch (12), wherein the edges of the overlapping (8) form the stop means (7) for the hollow profiles (5, 6) to be inserted.

IPC 1-7  
**E06B 3/66**; E06B 3/05; C03C 27/00; C03C 27/12

IPC 8 full level  
**C03C 27/00** (2006.01); **C03C 27/12** (2006.01); **E06B 3/66** (2006.01); **E06B 3/667** (2006.01); **E06B 3/96** (2006.01)

CPC (source: EP)  
**E06B 3/667** (2013.01)

Citation (search report)  
• [X] US 1975895 A 19341009 - GEYER HARVEY D  
• [A] GB 2015687 A 19790912 - PETERSON W H  
• [A] DE 7909265 U1 19791213  
• [A] CAHIERS DU CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB); Nr. 1503, Livraison 189, Mai 1978 "Avis sur le vitrage isolant THERMOPANE A2" Avis Nr. 6/77-63, Seiten 1-11

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