

Title (en)
COMPOSITE SECTION

Publication
EP 0261159 B1 19900606 (DE)

Application
EP 87901475 A 19870305

Priority
IT 481086 A 19860312

Abstract (en)
[origin: WO8705657A1] Composite sections consisting of a metal part (6) connected to a non-metallic part (8) with intermediate heat-insulating parts (7) located between. The heat-insulating part (7) is firmly connected to the non-metallic part (8) by positive engagement and pressure. This pressure effects, a firm clamping action when the positively engaging parts (6, 7) are brought close together (fig. 2), at right-angles to the longitudinal direction of the latter, by plastic deformation of posts or projections (6a) inside corresponding recesses (7b), on the heat insulating part (7), with limited contact regions (7c, C) between the parts (6, 7). As a result, at certain loading values, limited longitudinal and/or transverse displacements are possible in the longitudinal and/or transverse directions (variations due to thermal expansion).

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E06B 3/26

IPC 8 full level
E06B 3/273 (2006.01); **E06B 3/30** (2006.01)

CPC (source: EP US)
E06B 3/273 (2013.01 - EP US); **E06B 3/303** (2013.01 - EP US); **Y10S 49/01** (2013.01 - EP US)

Cited by
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WO 8705657 A1 19870924; CA 1307976 C 19920929; EP 0261159 A1 19880330; EP 0261159 B1 19900606; IT 1192053 B 19880331; IT 8604810 A0 19860312; US 5095679 A 19920317

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