

Title (en)

METHOD FOR FABRICATING THERMO INSULATED COMPOUND PROFILES FOR WINDOWS, DOORS AND FA ADES

Publication

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Application

EP 84900501 A 19840125

Priority

DE 3303094 A 19830131

Abstract (en)

[origin: WO8402862A1] Method for fabricating thermo-insulated compound profiles for windows, doors and façades, wherein two metal profiles (8, 11) to be joined to the compound profile (13) are provided with longitudinal grooves wherein are inserted clamping battens (7) forming together with the metal profiles (8, 11) an insulation chamber (9) and which are secured at the base portion thereof engaged in the longitudinal grooves by deformation of the retainer bars (10, 12) limiting the longitudinal grooves. In order to provide, despite manufacturing tolerances of the metal profiles (8, 11) and of the clamping battens (7) an absolute dimensional precision as well as uniform strength properties of the compound profiles, and in order to be completely independent from all cross-sections, dimensions and shapes of profiles, it is convenient to proceed as follows: a) draw unilaterally the clamping battens (7) into the the corresponding longitudinal groove of one of the metal profiles (8, 11) to be interconnected, b) deform the retainer bars (10) arranged inan insulation chamber (9), respectively the base portion of the retainer bars (10) flanking the clamping battens (7) which is engaged into a longitudinal groove, c) push, as for a lid, the second metal profile (11) to the first metal profile (8), and d) deform the retainer bars (12) extending outside the insulation chamber (9) to the base portion of the clamping battens (7) which are not yet secured into the longitudinal grooves.

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