

Title (en)

Plastic panel, assembling process for such a panel and machine for applying the process.

Title (de)

Kunststoffpaneel, Herstellungsverfahren für dieses Paneel und Maschine für die Anwendung dieses Verfahrens.

Title (fr)

Panneau en matière plastique, procédé d'assemblage de ce panneau et machine pour la mise en oeuvre du procédé.

Publication

EP 0002643 A1 19790627 (FR)

Application

EP 78400235 A 19781213

Priority

FR 7737993 A 19771216

Abstract (en)

1. Panel consisting of heat-weldable plastics material, which is able to serve in particular as a shutter or door member, comprising a frame constituted by rectilinear members (1) providing a recess, filled at least partly by sections (2) which are also rectilinear and extend between two opposed parallel members (1) of the frame, the means for joining two opposed members (1) of the frame and the sections (2) being constituted by a first rectilinear tongue (4) rigidly connected to each member (1), projecting from the inner edge (3) of the latter and engaging in grooves (7) provided in the end faces of the sections (2) transversely with respect to the latter, characterized in that said means for joining two members (1) of the frame and the sections (2) also comprise at least one second tongue (4') similar to the first cooperating with at least one second groove (7') in the same manner as the tongue (4) cooperates with the groove (7) and that the tongues (4, 4') are rigidly connected to each of the corresponding grooves (7, 7') by welding of the material in order to ensure the joining of the sections (2) to the members (1).

Abstract (fr)

L'invention concerne des moyens d'assemblage d'un panneau en matière plastique, le procédé d'assemblage de ce panneau et la machine pour la mise en oeuvre du procédé. Elle est caractérisée par le fait que les moyens d'assemblage comportent au moins une languette (4) rigidement associée à chaque élément (1) et saillant du chant (3) de cet élément, coopérant avec au moins une rainure (7) pratiquée dans chacune des faces extrêmes de chacune des lames (2), transversalement, de manière qu'ultérieurement la languette (4) puisse être associée rigidement à la lame (2) par soudage du matériau.

IPC 1-7

E06B 9/04; **E06B 7/082**

IPC 8 full level

E06B 7/082 (2006.01); **E06B 9/04** (2006.01)

CPC (source: EP)

E06B 7/082 (2013.01); **E06B 9/04** (2013.01)

Citation (search report)

- US 3797186 A 19740319 - SMITH L
- FR 2040047 A5 19710115 - INTERNA MADERA PROD

Cited by

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