

Title (en)
Pivotable shutter panel assembly

Title (de)
Anordnung eines schwenkbaren Verschlusspaneels

Title (fr)
Assemblage d'un panneau articulé

Publication
EP 1298270 B1 20080702 (EN)

Application
EP 02386011 A 20020813

Priority
GR 2001100400 A 20010816

Abstract (en)
[origin: EP1298270A2] The present invention relates to the field of shutter panels and more particularly provides a functionally organized system of profiles for a reliable, low cost shutter panel assembly process. The pivotable shutter assembly of the invention comprises in combination as illustratively shown in Fig. 7a, a single elongated hinge profile portion (1) extending along the vertical length of each one of the panels and of the mounting member (3), said elongated hinge profile portion (1) being provided with at least one pair of adjacent uniformly oriented circular sectors (1a,1b), and preferably including a third circular sector (1d), a frame profile portion (2) for surrounding and supporting each one of the panels in a rectangular configuration and presenting a pair of annular recesses (2a,2b) at one side thereof for receiving any of said pair of adjacent, uniformly oriented circular sectors (1a,1b) of said elongated hinge profile portion (1), and a mounting member profile portion (3) presenting at least one annular recess (31) for receiving any of said pair of adjacent, uniformly oriented circular sectors (1a,1b) of said elongated hinge profile portion (1), wherein the pivotable shutter panel assembly is constructed using one said elongated hinge profile portion (1) for each pair of adjacent panels and engaging each one of said pair of adjacent, uniformly oriented circular sectors (1a,1b) of the elongated hinge profile portion (1) within each one of opposing annular recesses (2a,2b) of the frame profile portion (2) of said pair of adjacent panels and using one said elongated hinge profile portion (1) to connect one of said pair of annular recesses (2a,2b) of the frame profile portion (2) of the first one of said panels to said annular recess (31) of the mounting member profile portion (3). <IMAGE> <IMAGE>

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