

Title (en)
SECTIONAL DOOR

Title (de)
SEKTIONALTOR

Title (fr)
PORTE SECTIONNELLE

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Abstract (en)
[origin: WO03087504A2] The invention relates to a sectional door, consisting of sectional panels (1A - 1D) that are interconnected by articulations and comprising: strap hinges (2), which consist of an articulated region (2A) and at least two fixing regions and permit a mutual pivoting of the sectional panels; a hinge receiving groove (3), which is formed on the interior face (I) of the door by adjacent sectional panels and receives the strap hinge in its entirety (2) and alternately intermeshing ribs (4A, 4B) and recesses (5A, 5B), which are located in the vicinity of the hinge receiving groove (3) in the area of the sectional panels that lies on the exterior face (A) of the door, forming for example an anti-trapping mechanism for fingers. The hinge receiving groove (3) is equipped with at least one step (3A) running approximately parallel to said groove, into which the fixing screws (8B) of the first strap hinge tab (2B) can be screwed and which forms a first receiving area (3C) at the base of the groove for housing at least one section of the articulation region (2A) of the strap hinge (2) and a second receiving area (3B) on the exterior of the groove for housing said first strap hinge tab (2B). The hinge receiving grooves (3) form a third receiving area (3D) in their groove border zone, which lies opposite the step (3A), said area housing the second strap hinge tab (2C). The fixing screws (8C) of the second strap hinge tab (2C) can be screwed into the groove wall (3E) of the third receiving area (3D).

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