

Title (en)

Wall structure produced with wall panel units

Title (de)

Aus Wandplatteneinheiten hergestellte Wandstruktur

Title (fr)

Structure de mur produite avec des unités de panneau

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008113886A3] The present invention relates to a wall panel unit (1) made of a fire-proof material and a wall structure produced therewith. The wall panel unit (1) comprises two mainly rectangular plate-like wall panel elements (2, 3) the longer sides of which are provided with edge folds (2b, 2c, 3b, 3c) produced from the edges of the wall panel element and that are arranged to be attached against each other using the said edge folds (2b, 2c, 3b, 3c) so that a two-sided at least mainly closed wall structure part is formed. The said edge folds (2b, 2c, 3b, 3c) of opposing wall panel elements comprise guide and support parts (2d, 2e, 3d, 3e) perpendicular with the surface (2a, 3a) of the wall panel elements that have been arranged to cooperate together so that the wall panel elements (2, 3) can be installed into each other mainly perpendicularly to the surface of the wall panel elements and which are kept in contact with each other without separate fastening means. The edge folds (2b, 2c, 3b, 3c) are additionally designed to comprise overlapping parts (2f, 2g, 3f, 3g) in the direction of the surfaces (2a, 3a) of the wall panel elements for improved stiffness and for supporting the wall panel elements (2, 3) to each other.

IPC 8 full level

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