

Title (en)

PREFABRICATED ELEMENTS MADE OF PANELLED STEEL FRAMES FOR THE CONSTRUCTION OF A BUILDING

Title (de)

VORGEFERTIGTE ELEMENTE AUS BEPLANKTEN STAHLRAHMEN ZUM BAU EINES GEBÄUDES

Title (fr)

ÉLÉMENTS PRÉFABRIQUÉS EN CADRE D'ACIER À PAREMENT POUR LA CONSTRUCTION D'UN BÂTIMENT

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Application

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Abstract (en)

[origin: WO2017015680A1] The invention relates to industrially prefabricated elements (1) for erecting constructions, consisting of a frame (2) made of sheet metal profiles (3) and a panelling (4) made of a wood material, wherein the C-shaped profiles (3) form the end faces of the frame (2) or of the element (1) with their long sides (5). These elements (1) have a very good ratio of low weight and high load capacity, and can therefore be carried and assembled by hand by two construction workers, despite being of a size that is similar to the finished part. The elements (1) are standardised and can be industrially prefabricated, wherein, as a result of the simple construction, a high degree of automation and thereby a very good price can be achieved, which is below that of the known timber finished parts.

IPC 8 full level

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