

Title (en)

A work piece for a frame structure, a frame structure made of such a work piece and a method of producing such a frame structure

Title (de)

Fertigungsteil für eine Rahmenstruktur, daraus bestehende Rahmenstruktur und Verfahren zur Herstellung derselben

Title (fr)

Élément usiné pour une structure de cadre, structure de cadre fabriqué par cet élément et procédé de réalisation d'un tel cadre

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Application

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Abstract (en)

[origin: EP0665406A1] A work piece (1) for a frame structure (29) for an electrical light fitting, designed to be recessed into a ceiling or wall opening, consists of a planar metal strip having mitre cuts (10,11), which are located at the ends of said strip and are mirror-symmetrically disposed in relation to each other. In accordance with the invention transversal end surfaces (12,13) are located in connection with said mitre cuts at the ends (2,3) of the strip, the one of said end surfaces (12) being provided with an axially projecting lock tongue (14) and the other of them (13) in close connection with an oblong hole (16), designed to receive the lock tongue. Also, the metal strip according to the invention is along its length provided with mirror-symmetrically disposed mitre cut pairs (10', 11'), in connection with which transversal end surfaces (12',13') are arranged, which are joined to each other by means of bridge portions, which form lock devices (23). Each lock device consists of a tongue (14') and a fork portion (19), which extends from the tongue and which, when the strip is folded about the symmetry plane, which extends through each mitre cut pair, is folded and is brought to abut on the outer side of one of the inner frame sides (30). The invention also relates to a frame structure, manufactured from such a work piece as well as a method to manufacture such a frame structure. <IMAGE> <IMAGE>

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