

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.

Publication

EP 0665406 A1 19950802 (EN)

Application

EP 95100394 A 19950113

Priority

SE 9400306 A 19940201

Abstract (en)

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>

IPC 1-7

F21V 11/02

IPC 8 full level

F21V 17/10 (2006.01)

CPC (source: EP)

F21V 17/101 (2013.01)

Citation (search report)

- [A] DE 2916331 A1 19801113 - KORSCH ALFRED
- [A] EP 0522480 A1 19930113 - FAGERHULTS AB [SE]

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DE102008050566A1; AU2014203246B2

Designated contracting state (EPC)

AT CH DE DK FR GB LI NL SE

DOCDB simple family (publication)

EP 0665406 A1 19950802; EP 0665406 B1 19980311; AT E163998 T1 19980315; DE 69501747 D1 19980416; DE 69501747 T2 19981112; DK 0665406 T3 19981207; FI 104106 B1 19991115; FI 104106 B 19991115; FI 950328 A0 19950126; FI 950328 A 19950801; NO 310123 B1 20010521; NO 950091 D0 19950110; NO 950091 L 19950801; SE 505031 C2 19970616; SE 9400306 D0 19940201; SE 9400306 L 19950801

DOCDB simple family (application)

EP 95100394 A 19950113; AT 95100394 T 19950113; DE 69501747 T 19950113; DK 95100394 T 19950113; FI 950328 A 19950126; NO 950091 A 19950110; SE 9400306 A 19940201