

Title (en)
Mat connector and clinching tool therefor

Title (de)
Mattenverbinder und geeignete Montagezange

Title (fr)
Connecteur pour grilles et pince de sertissage adaptée

Publication
EP 0808968 A1 19971126 (DE)

Application
EP 97250116 A 19970414

Priority
DE 29606729 U 19960416

Abstract (en)
The connector joins mats which have rectangular holes between welded horizontal and vertical bars. The connection is made between two vertical bars (1,2) which have a separation between them. The connector is W-shaped, and is made from sheet metal in the manner of a bent clip (3), whose middle limb (M) is shorter than the outer limbs (L,R). The section modulus of the middle limb against deformation, is greater than that of both outer limbs. The middle limb may also be n-shaped, and the total width (B) of the clip may be roughly three times the thickness of the bars.

Abstract (de)
Die Erfindung betrifft einen Mattenverbinder (5) für Zäune. Stahlgittermatten werden zu einem Zaun endlos aneinandergereiht, indem die beiden äußeren Vertikalstäbe benachbarter Matten durch umgeformte w-förmige Verbinder (5) aus Edelstahl verklammert werden. Eine spezielle Hebelzange erleichtert die Montage der Zaunverbinder (5). Mit der Erfindung erübrigt sich die exakte Positionierung von Zaunpfosten zueinander, die Zaunmontage wird erleichtert und eine optisch ansprechende Zaunverbindung realisiert. <IMAGE>

IPC 1-7
E04H 17/16; **E04H 17/26**; **E04C 5/16**; **F16B 7/04**; **B25B 27/14**; **B21F 15/06**

IPC 8 full level
B21F 15/06 (2006.01); **B25B 27/14** (2006.01); **E04C 5/16** (2006.01); **E04H 17/16** (2006.01); **E04H 17/26** (2006.01); **F16B 7/04** (2006.01)

CPC (source: EP US)
E04H 17/161 (2013.01 - EP US); **E04H 17/268** (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH DE LI

DOCDB simple family (publication)
EP 0808968 A1 19971126; **EP 0808968 B1 20031015**; AT E252189 T1 20031115; DE 29606729 U1 19960605; DE 59710846 D1 20031120

DOCDB simple family (application)
EP 97250116 A 19970414; AT 97250116 T 19970414; DE 29606729 U 19960416; DE 59710846 T 19970414