

Title (en)

WELDED LATTICE FOR REINFORCED CONCRETE.

Title (de)

BEWEHRUNGSMATTE.

Title (fr)

TREILLIS SOUDE POUR BETON ARME.

Publication

EP 0016008 A1 19801001 (DE)

Application

EP 79900574 A 19800129

Priority

- AT 277279 A 19790412
- AT 450678 A 19780621

Abstract (en)

[origin: WO8000090A1] The lattice comprises at least one lattice section (9) which may be pivoted outside the lattice by means of pivoting bars (8). The elevated lattice section (9) is used to cover the negative moments in reinforced concrete constructions and comprises at least one part of round iron bars (7, 5") which is part part of the round iron bars which are subjected to tensile stress. The length of the moving section (9) of the lattice in the direction submitted to tensile stress is only a fraction of the total length of the lattice. The round iron bars (4", 5") of the moving section (9) are formed either with additional bars or with bars (7, 14) having been cut from the lattice bars. The lattice section (9) is allowed to move by welding together only part of the ties (3) of the bars (4, 4", 5, 5") in the lattice wherein a moving section is provided and pivoting bars (8) are inserted. When the round iron bars (4", 5") are not additional bars, they are detached from the bars (4, 5) after welding.

Abstract (fr)

Le treillis comprend au moins une section de treillis (9) qui peut etre pivotee hors du plan du treillis au moyen de barres de pivotement (8). La section de treillis surelevee (9) set a couvrir les moments negatifs dans les constructions en beton arme et comprend au moins une barre de fers ronds (5, 7") qui fait partie des fers ronds qui sont soumis a la traction. La longueur de la section mobile (9) du treillis dans le sens soumis a la traction ne constitue qu'une fraction de la longueur totale du treillis. Les barres de fers ronds (4', 5') de la section mobile (9) sont constituees soit de barres supplementaires soit de barres (7, 14) ayant ete coupees des barres du treillis. La section de treillis (9) est rendue mobile en ne soudant ensemble qu'une partie des noeuds (3) des barres (4, 4', 5, 5') dans le treillis ou on prevoit une section mobile et en inserant les barres de pivotement (8). Lorsque les barres de fers ronds (4', 5') ne sont pas des barres supplementaires, on les detache des barres (4, 5) apres la soudure.

IPC 1-7

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