Title (en)

METHOD AND INSTALLATION FOR PRODUCING GRID MATS

Title (de)

VERFAHREN UND ANLAGE ZUM HERSTELLEN VON GITTERMATTEN

Title (fr)

PROCEDE ET INSTALLATION POUR FABRIQUER DES MATS DE TREILLIS

Publication

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Application

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Abstract (en)

[origin: WO0051760A1] The invention relates to a method and installation for producing grid mats comprised of longitudinal and transversal rods (L, Q) which are welded to one another at crossing points. According to the invention, material billets made of hot-rolled material and serving to form the longitudinal and transversal rods are continuously drawn from each wire supply (1, 10), and in order to improve the mechanical-technological properties thereof, are stretched (27), subsequently temper rolled (30) and cut into lengths (3), whereupon the longitudinal rods (L) are introduced in a group by group manner into the grid welding machine (9) and are welded therein to transversal rods (Q). The material billets for forming the transversal rods (Q) are fed at a lower speed than that of the material billets for forming the longitudinal rods (L). The longitudinal and transversal rods are produced from material billets which run in a preferably parallel manner with regard to the direction (P1) of production, whereby all material billets used to form the transversal rods (Q) are turned around an angle of 90 DEG , and the number of material billets used to form the transversal (Q) rods is greater than that for the longitudinal rods (L).

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