

Title (en)

Method and system for making wire netting in three-dimensional support structures

Title (de)

Verfahren und System zur Herstellung von Drahtgittermatten in räumlichen Traggerüsten

Title (fr)

Procédé et système de fabrication de trames en fil grillagé pour des structures portantes tridimensionnelles

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EP 0641895 B1 19990602 (DE)

Application

EP 94113735 A 19940902

Priority

DE 4329800 A 19930903

Abstract (en)

[origin: EP0641895A1] The invention relates to the use of wire-grating mats (2 to 4) in a three-dimensional support structure (1). The wire-grating mats (2 to 4) essentially consist of intersecting longitudinal and transverse wires (10 to 17) and has at opposite sides (18, 19) longitudinal-rod ends which follow a curve (21) and terminate with a length (22, 25) adjoining the curve (21, 24). The longitudinal-rod ends at one mat side are arranged in the mat plane while forming a hairpin (20) and at the opposite side (19) form a loop (23) which is bent at one side out of the mat plane in a curve, carries a transverse rod (28) in the curve (27) and is made to interlock by pushing the hairpin (20) with its straight length (22) adjoining the curve (21) of the hairpin (20) in between the loop head (24) and the transverse rod (28) arranged in the curve. The three-dimensional support structure (1) consists of several wire-grating mats (2 to 4, 35, 50) which are connected to one another and are arranged in intersecting directions for at least one direction of the support structure (1) in which several successive wire-grating mats (2, 3) successively serve to produce interlocking connections between them, the support of the hairpin (20) on the loops (23) being flexurally rigid in the direction of the outwardly acting pressure of the support structure. <IMAGE>

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Cited by

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