

Title (en)

MAT WELDING SYSTEM FOR PRODUCING CONCRETE STEEL MATS AND METHOD USING SAME

Title (de)

MATTENSCHWEISSANLAGE ZUR HERSTELLUNG VON BETONSTAHLMATTEN UND VERFAHREN UNTER VERWENDUNG DERSELBEN

Title (fr)

SYSTÈME DE SOUDAGE DE PLAQUES POUR LA PRODUCTION DE PLAQUES DE BÉTON ARMÉ ET PROCÉDÉ UTILISANT CELUI-CI

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Application

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Abstract (en)

[origin: WO2021209304A1] The invention relates to a mat welding system (1) for producing concrete steel mats from a plurality of rods (2, 3) by welding the rods (2, 3) to form a grid structure (4) consisting of longitudinal rods (2) and transverse rods (3), comprising • - at least one provision device (5) for providing the plurality of rods (2, 3), • - at least one welding device (6) for welding the rods (2, 3) to form the grid structure (4) consisting of longitudinal rods (2) and transverse rods (3), and • - at least one transport device (7) for transporting the rods (2, 3) provided by the at least one provision device (5) to the at least one welding device (6), wherein the at least one transport device (7) has at least one first positioning device (8) by means of which rods (2) can be positioned in a longitudinal direction (9) relative to the at least one welding device (6) and at least one second positioning device (10) which can be pivoted relative to the first positioning device (8) and by means of which rods (3) can be positioned in a transverse direction (11) transverse to the longitudinal direction (9) relative to the at least one welding device (6), wherein the at least one transport device (7) has at least one carrier (51) on which at least one of the positioning devices (8, 10) is arranged. The invention also relates to a method for producing concrete steel mats.

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