

Title (en)

TUBULAR REINFORCING ELEMENT, METHOD FOR PRODUCING A REINFORCING ELEMENT, GLOBAL REINFORCEMENT, USE OF A REINFORCING ELEMENT, CONCRETE STRUCTURAL PART AND PROGRAM FILE

Title (de)

ROHRFÖRMIGES BEWEHRUNGSELEMENT, VERFAHREN ZUR HERSTELLUNG EINES BEWEHRUNGSELEMENTS, GLOBALBEWEHRUNG, VERWENDUNG EINES BEWEHRUNGSELEMENTS, BETONBAUTEIL UND PROGRAMMDATEI

Title (fr)

ÉLÉMENT D'ARMATURE TUBULAIRE, PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT D'ARMATURE, ARMATURE GLOBALE, UTILISATION D'UN ÉLÉMENT D'ARMATURE, ÉLÉMENT EN BÉTON ET FICHIER DE PROGRAMME

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Application

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Abstract (en)

[origin: CA3156633A1] The invention relates to a tubular reinforcing element (1) which is formed in the form of a lattice from a continuously arranged, crossing yarn (2), wherein the crossing portions (3) of the at least one yarn (2) are interconnected by a cross-connection. According to the invention, the cross-connection of the yarn (2) is achieved by a material means or a mechanical means, wherein the means determines the shear elasticity of the cross-connection, the elasticity during the opposed rotative pivoting movement of the crossing portions (3) around their crossing point in the cross-connection, and hence determines the extensibility of the reinforcing element (1) in the direction of a longitudinal axis, wherein a higher shear elasticity is accompanied by a higher extensibility. The invention also relates to a method for producing the tubular reinforcing element (1) by weaving, braiding or winding the lattice structure from a yarn (2). Further aspects of the invention relate to a global reinforcement, to the use of a reinforcing element, to a concrete structural part and to a program file.

IPC 8 full level

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