

Title (en)

WOVEN REINFORCEMENT FRAME FOR CONCRETE STRUCTURES, AND METHODS FOR MANUFACTURING SAME

Title (de)

GEWEBTER ARMIERUNGSRAHMEN FÜR BETONKONSTRUKTIONEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

CAGE D'ARMATURES TISSÉES POUR OUVRAGES EN BÉTON ET PROCÉDÉS DE FABRICATION

Publication

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Application

EP 12795017 A 20121008

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Abstract (en)

[origin: WO2013054006A1] According to the device of the invention, in order to counter the consecutive disturbances in the disaggregation of the concrete due to Poisson's ratio, the compressed bars are banded by a continuous piece of steel wound into coils (3) that are connected via straight segments (2). The ladders (1), which constitute the basic three-dimensional structural elements, have simple triangular, rectangular, or polygonal cross-sections. Said basic units can be assembled either by bars or, in order to increase the ultimate strength, by ladders (5) having axes that intersect the mid-plane.

IPC 8 full level

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Citation (search report)

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