

Title (en)
REINFORCING ELEMENT FOR PRODUCING PRESTRESSED CONCRETE COMPONENTS, CONCRETE COMPONENT AND PRODUCTION METHODS

Title (de)
ARMIERUNGSELEMENT ZUR HERSTELLUNG VORGESpanNTER BETONBAUTEILE, BETONBAUTEIL UND HERSTELLVERFAHREN

Title (fr)
ÉLÉMENT D'ARMATURE POUR LA FABRICATION D'ÉLÉMENTS DE CONSTRUCTION EN BÉTON PRÉCONTRAI NT, ÉLÉMENT DE CONSTRUCTION EN BÉTON ET PROCÉDÉ DE FABRICATION

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Abstract (en)
[origin: WO2014040653A1] The present invention relates to a reinforcing element (10) for producing prestressed concrete components, a concrete component and corresponding production methods. The reinforcing element (10) comprises a plurality of fibers (12) and a plurality of holding elements (14) which are connected to each other by the fibers (12) so that the fibers (12) can be stressed in their longitudinal direction (T) by means of the holding elements (14). The fibers (12) are fixed to the holding elements (14) in such a way that the fibers (12) in the stressed state lead in a largely linear manner into the holding elements (14). This enables both a high degree of pretension and an efficient, reliable and thus cost-effective production of the concrete components.

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• US 2007175583 A1 20070802 - MOSALLAM AYMAN S [US]
• DE 102008011517 A1 20090903 - SCHOTTDORF BERND [DE]

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