

Title (en)
ANCHORAGE FIXTURE FOR A STRIP-TYPE TENSION MEMBER, USED IN THE BUILDING TRADE

Title (de)
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Title (fr)
TIRANT POUR ORGANE DE TRACTION EN FORME DE BANDE, UTILISE EN CONSTRUCTION

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Application
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Abstract (en)
[origin: WO02103137A1] The invention relates to a tie rod for a strip-type tension member (1), used in the building trade, and consisting especially of fibre-reinforced plastic lamellae. Said tie rod comprises at least one anchoring body (2) which is positively connected to the tension member (1) by means of adhesion and/or friction, and can be supported on a fixed abutment. The anchoring body (2) comprises a plurality of clamping blocks (3) which are arranged at a distance from each other in the longitudinal direction of the tension member and are connected to said tension member (1) by means of adhesion and/or friction. One of said clamping blocks is supported on the fixed abutment (7), and the clamping blocks are interconnected by extension sections (9) having different spring stiffnesses, the spring stiffnesses of said extension sections (9) increasing towards the end of the tension member (1). The extension sections (9) are embodied as connecting pieces having different cross-sections or recesses, or can consist of materials having different elasticity modules.

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