

Title (en)

STRUCTURAL MEMBER FOR BRIDGES AND FLOORS

Title (de)

BAUELEMENT FÜR BRÜCKEN UND BODEN

Title (fr)

ELEMENT DE STRUCTURE DESTINE A DES PONTS ET A DES PLANCHERS

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Application

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Priority

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Abstract (en)

[origin: WO9703249A1] The invention pertains to a structural member (3) for bridges, floors, and the like which comprises at least one longitudinal girder of trapezoidal, V-shaped or U-shaped or rectangular cross section (3) with a concrete slab (6) provided thereon, wherein the longitudinal girder is made of synthetic material and at least the side parallel to the concrete slab is reinforced with parallel fibres having an embedded modulus of elasticity of more than 50 GPa. The structural member appreciably simplifies the construction of bridges and floors and has a low weight.

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