

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

Publication

EP 0837970 A1 19980429 (EN)

Application

EP 96925754 A 19960710

Priority

- EP 9603102 W 19960710
- NL 1000770 A 19950711

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.

IPC 1-7

E01D 2/04; E04B 5/02; E04B 5/36; E04C 3/28

IPC 8 full level

E01D 2/04 (2006.01); **E04B 5/02** (2006.01); **E04C 3/29** (2006.01)

CPC (source: EP)

E01D 2/04 (2013.01); **E04B 5/04** (2013.01); **E04C 3/29** (2013.01); **E01D 2101/266** (2013.01); **E01D 2101/40** (2013.01)

Citation (search report)

See references of WO 9703249A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9703249 A1 19970130; AT E179475 T1 19990515; AU 6615996 A 19970210; AU 693037 B2 19980618; CA 2226861 A1 19970130; DE 69602266 D1 19990602; DE 69602266 T2 19991014; EP 0837970 A1 19980429; EP 0837970 B1 19990428; NL 1000770 C2 19970114

DOCDB simple family (application)

EP 9603102 W 19960710; AT 96925754 T 19960710; AU 6615996 A 19960710; CA 2226861 A 19960710; DE 69602266 T 19960710; EP 96925754 A 19960710; NL 1000770 A 19950711