

Title (en)

Device and process for fastening a building element and a cable structure and suspension bridge having such devices

Title (de)

Anordnung und Verfahren zum Verbinden eines Bauelements und einer Kabelstruktur und Hängebrücke mit solchen Anordnungen

Title (fr)

Dispositif et procédé de fixation entre un élément de construction et un câble de structure, et pont suspendu comportant de tels dispositifs

Publication

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Application

EP 02026161 A 19991220

Priority

- EP 99961108 A 19991220
- FR 9816448 A 19981224
- EP 99401563 A 19990623
- EP 02026161 A 19991220

Abstract (en)

The fixing comprises a rigid casing (2) connected to and partially surrounding the cable harness. A deformable wedging structure (3) is located between the cable and the casing. Force transmission means (4,13,14) exert a longitudinal compression force parallel to the cable on the wedging structure. The wedging structure is pressed against the cable and the casing under the compression force so as to offer resistance to the movement of the casing and the cable harness. Independent claims are included for a fixing method and a suspended bridge.

Abstract (fr)

Le dispositif comprend un boîtier rigide (2) relié à l'élément de construction et entourant au moins partiellement le câble (6), une structure de coincement (3) disposée entre le câble et le boîtier, et des moyens (4,13,14) de transmission d'effort agencés pour exercer un effort de compression longitudinale, parallèlement au câble, sur la structure de coincement. La structure de coincement est pressée contre le câble et le boîtier sous l'action de l'effort de compression longitudinale, de façon à offrir une résistance au mouvement du boîtier et de l'élément de construction parallèlement au câble. <IMAGE>

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Citation (applicant)

- EP 0789110 A1 19970813 - FREYSSINET INT STUP [FR]
- DE 869977 C 19530309 - GUTEHOFFNUNGSHUETTE OBERHAUSEN
- EP 0855471 A1 19980729 - FREYSSINET INT STUP [FR]

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