

Title (en)

METHOD FOR APPLYING TENSION MEMBERS TO SUPPORTING STRUCTURES, AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM ANBRINGEN VON ZUGGLIEDERN AN TRAGWERKEN SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE POUR POSER DES TIRANTS SUR DES APPAREILS PORTEURS ET DISPOSITIF POUR REALISER CE PROCEDE

Publication

**EP 1532331 A1 20050525 (DE)**

Application

**EP 03792339 A 20030816**

Priority

- DE 10237968 A 20020820
- EP 0309091 W 20030816

Abstract (en)

[origin: DE10237968B3] Process for mounting a pre-stressed band-like tension element (1) on a supporting framework (3), especially a concrete supporting framework, comprises pre-stressing the tension element at at least one end using a tensioning device via a temporary clamping anchor (4) fixed on the tension element, and anchoring the tension element on the supporting framework using a permanent anchoring device. The tension element is pre-stressed via the temporary anchor at a distance from the surface (2) of the supporting framework. The tension element is pressed onto the surface by at least one permanent anchor clamp (6). An Independent claim is also included for a device used for carrying out the above process. Preferred Features: The temporary clamping anchor is removed after the tension element is pressed onto the surface.

IPC 1-7

**E04G 23/02**

IPC 8 full level

**E04C 5/12** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP KR US)

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**US 2005247016 A1 20051110; US 7296385 B2 20071120**; AT E428037 T1 20090415; AU 2003255452 A1 20040311; DE 10237968 B3 20040205; DE 50311396 D1 20090520; DK 1532331 T3 20090810; EP 1532331 A1 20050525; EP 1532331 B1 20090408; ES 2325580 T3 20090909; JP 2005535814 A 20051124; JP 4271146 B2 20090603; KR 20050058424 A 20050616; WO 2004018801 A1 20040304

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**US 90631305 A 20050214**; AT 03792339 T 20030816; AU 2003255452 A 20030816; DE 10237968 A 20020820; DE 50311396 T 20030816; DK 03792339 T 20030816; EP 0309091 W 20030816; EP 03792339 A 20030816; ES 03792339 T 20030816; JP 2004530169 A 20030816; KR 20057002962 A 20050221