

Title (en)  
TENSIONING DEVICE FOR STRIP-SHAPED TENSION MEMBERS

Title (de)  
SPANNVORRICHTUNG FÜR BANDFÖRMIGE ZUGGLIEDER

Title (fr)  
DISPOSITIF DE TENSION D'ELEMENTS DE TRACTION EN BANDE

Publication  
**EP 1554447 A1 20050720 (DE)**

Application  
**EP 03809255 A 20030816**

Priority  
• DE 10249266 A 20021023  
• EP 0309079 W 20030816

Abstract (en)  
[origin: US2005252116A1] A tensioning device for strip-shaped tension members on supporting structures, especially concrete supporting structures, exhibits a tensioning traverse, which is detachably fastened to a base plate that is permanently fastened to the supporting structure. A prestressing anchor, which is connected to the strip-shaped tension member by means of clamping, may be displaced by means of pressing elements for the purpose of applying tension to tension member and supported against the tensioning traverse or the base plate. A guide body, which supports the tension member so that it may glide, at least upward, is arranged between the tensioning traverse and the prestressing anchor so as to be stationary. The guide body exhibits a guide slit that accommodates the tension member so that it can glide, and it is mounted on a guide support that is connected to the tensioning traverse so as to be deflection resistant.

IPC 1-7  
**E04G 23/02**; **E04G 21/12**

IPC 8 full level  
**E04G 21/12** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP KR US)  
**E04C 5/085** (2013.01 - EP US); **E04C 5/12** (2013.01 - KR); **E04C 5/127** (2013.01 - EP US); **E04G 21/12** (2013.01 - KR); **E04G 21/121** (2013.01 - EP US); **E04G 23/0218** (2013.01 - EP US); **E04G 2023/0251** (2013.01 - EP US); **E04G 2023/0255** (2013.01 - EP US); **E04G 2023/0259** (2013.01 - EP US); **E04G 2023/0262** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004038128A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2005252116 A1 20051117**; AT E474981 T1 20100815; AU 2003253415 A1 20040513; DE 10249266 B3 20040408; DE 50312912 D1 20100902; DK 1554447 T3 20101004; EP 1554447 A1 20050720; EP 1554447 B1 20100721; JP 2006504005 A 20060202; KR 20050032031 A 20050406; WO 2004038128 A1 20040506

DOCDB simple family (application)  
**US 51798804 A 20041215**; AT 03809255 T 20030816; AU 2003253415 A 20030816; DE 10249266 A 20021023; DE 50312912 T 20030816; DK 03809255 T 20030816; EP 0309079 W 20030816; EP 03809255 A 20030816; JP 2004545755 A 20030816; KR 20047018154 A 20041110