

Title (en)

DISJOINTABLE FIXING APPARATUS OF TENSION MEMBER AND REMOVAL METHOD OF TENSION MEMBER

Title (de)

TRENNBARE BEFESTIGUNGSVORRICHTUNG FÜR EIN SPANNUNGSGLIED UND VERFAHREN ZUR ENTFERNUNG DES SPANNUNGSGLIEDS

Title (fr)

DISPOSITIF DE FIXATION DEBOITABLE POUR ELEMENT DE TENSION ET TECHNIQUE DE DEPOSE DE L'ELEMENT DE TENSION

Publication

EP 1423570 A1 20040602 (EN)

Application

EP 01274453 A 20011121

Priority

- KR 0101993 W 20011121
- KR 20010052383 A 20010829

Abstract (en)

[origin: WO03018916A1] The present invention relates to a disjointable fixing apparatus of tension member and removal method of tension member through separating tension member from anchor by utilizing the repulsion occurred at the time of removing tensility in order to pull out tension member. The above features and other advantages of the present invention will make disassembly as well as installation even easier.

IPC 1-7

E02D 5/80; **E21D 21/00**; **E21D 20/00**

IPC 8 full level

E02D 5/80 (2006.01); **E02D 5/76** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP KR US)

E02D 5/765 (2013.01 - EP US); **E02D 5/80** (2013.01 - KR); **E21D 21/0026** (2013.01 - EP US)

Citation (search report)

See references of WO 03018916A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03018916 A1 20030306; CN 1240911 C 20060208; CN 1545588 A 20041110; EP 1423570 A1 20040602; JP 2005501190 A 20050113; JP 3972992 B2 20070905; KR 100463269 B1 20041223; KR 20020042404 A 20020605; US 2004237431 A1 20041202

DOCDB simple family (application)

KR 0101993 W 20011121; CN 01823550 A 20011121; EP 01274453 A 20011121; JP 2003523754 A 20011121; KR 20010052383 A 20010829; US 48736204 A 20040220