

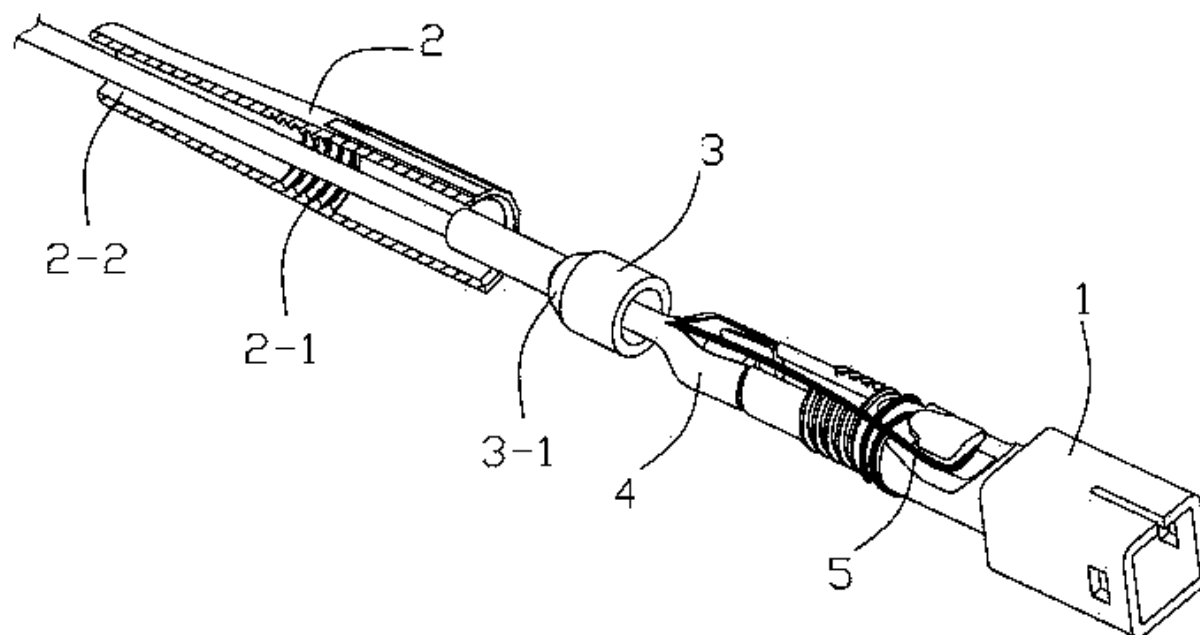
8 Documents

Publication numbers	Title	Current assignees
CN102928933 A	Optical cable tensile fiber and fastening device of optical cable outer sheath	NANJING PUTIAN TELEGE INTELLIGENT BUILDING
CN102426135 A	Carbon fiber multifilament and fixture auxiliary tool for carbon fiber cable tensile testing	DONGHUA UNIVERSITY
CN107326902 A	Recyclable pre-stressed anchor cable pile for post-tensioning method	ZHONGSHAN ZHIHUI TECHNOLOGY SERVICE
CN203299420U U	Optical cable assembly with funnel type tensile pressure ring	OTRANS COMMUNICATION TECHNOLOGIES
CN206892256U U	Interplantation formula high tension cable partial discharge two -dimensional ultrasound sensor based on laser Interferometer	HEBEI GEO UNIVERSITY
CN203688124U U	Tension testing device of optical cable product	SHENZHEN HI OPTEL TECHNOLOGY
EP--40384 A1	Apparatus for locking-unlocking a cable on an insulator cap	CERAVER
CN104932075 A	Field operation optical cable tension fitting and erecting method of field operation optical cable	KEYOPTICS

Family 1/8 - FAMPAT - ©Questel

Title

(CN102928933B)

Optical **cable** **tensile fiber** and fastening device of optical **cable** outer sheath**Images****Publication numbers with kind code & date**

CN102928933	B	2014-07-09	CN102928933B
CN102928933	A	2013-02-13	CN102928933

**Abstract**

(CN102928933)

The invention relates to an optical **cable** **tensile fiber** and a fastening device of an optical **cable** outer sheath. The fastening device is characterized by comprising a support, a back cover and an outer sheath compaction sleeve, wherein the back cover is spirally jointed with the support through screw threads; after the **tensile fiber** and the optical **cable** outer sheath are fixed, the outer sheath compaction sleeve is fixed by the back cover in a spirally jointed mode through the screw threads; and the **tensile fiber** and the optical **cable** outer sheath are fixed. Compared with the prior structure, the fastening device has the advantages of avoiding **fiber** cuts in an optical **cable** caused by clamping the outer sheath; needing to depend on no tool in a using process, namely being capable of fixing the **tensile fiber** and the optical **cable** outer sheath, being simple in operation and saving time; and being capable of meeting **tensile** detection under standard requirements and enabling a site assembly type movable **connector**.

Inventors

LI ZHIHONG

ZHANG XU

GUAN MENGLIN

GUAN CHENMING

Latest standardized assignees - inventors removed

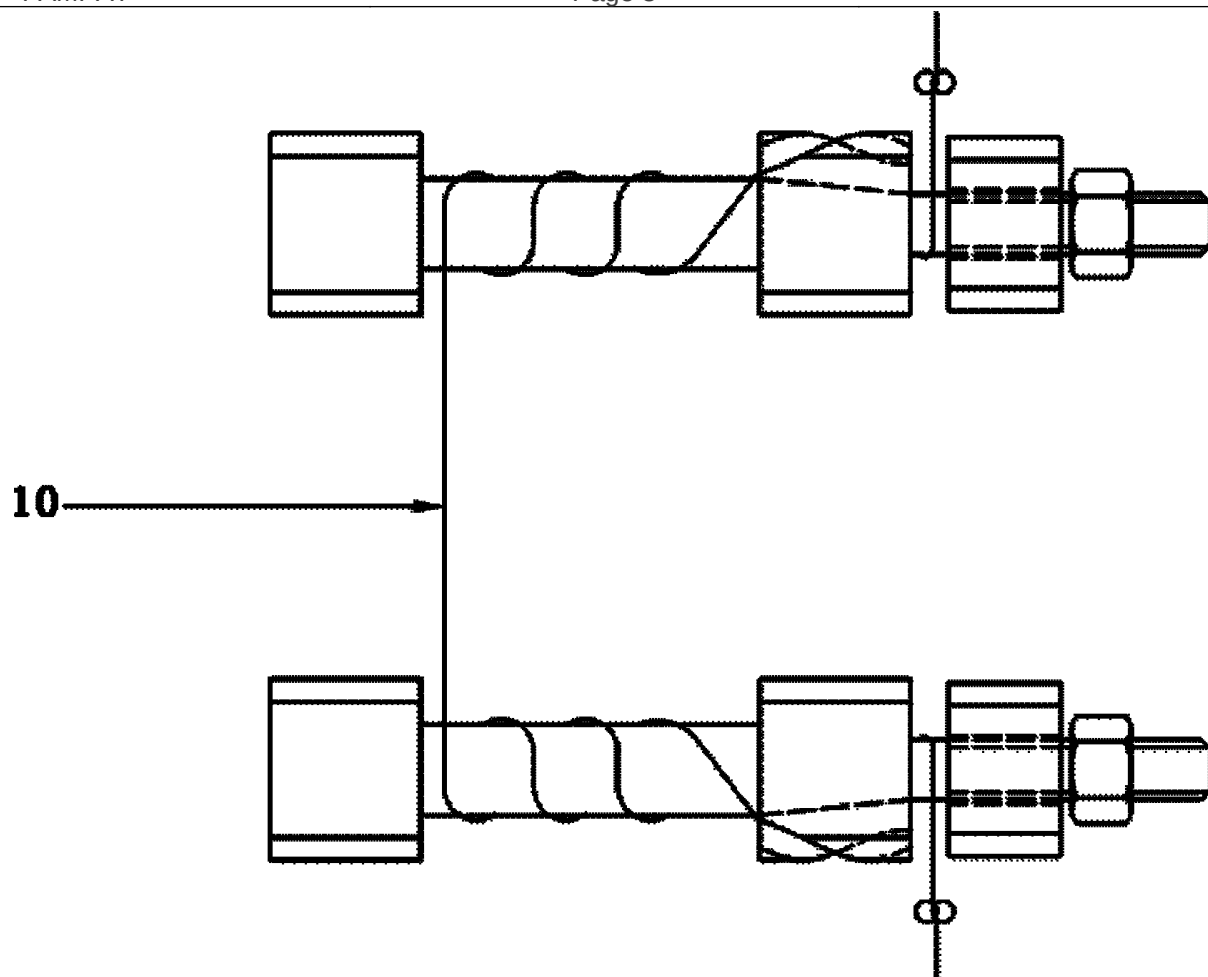
NANJING PUTIAN TELEGE INTELLIGENT BUILDING

Family 2/8 - FAMPAT - ©Questel

Title

(CN102426135B)

Carbon **fiber** multifilament and fixture auxiliary tool for carbon **fiber** **cable** **tensile** testing**Images**



Publication numbers with kind code & date

CN102426135	B	2013-05-08	CN102426135B
CN102426135	A	2012-04-25	CN102426135



Abstract

(CN102426135)

The patent refers to the field of 'investigating or analysing materials by determining their chemical or physical properties'. The invention relates to a carbon **fiber** multifilament and a fixture auxiliary tool for carbon **fiber cable tensile** testing, and provides a carbon **fiber** multifilament and a fixture auxiliary tool for carbon **fiber cable tensile** testing; the tool comprises two same main bodies as a group; the two same main bodies are respectively disposed in an upper and a lower chucks of the fixture; the main body comprises a **connecting** rod; a chuck is fixed at one end of the **connecting** rod, and a screw is fixed at the other end; a groove chuck is fixed near the screw on the **connecting** rod; a fastening block is disposed on the screw; the fastening block is tightly compressed by a nut on the screw; the heights of the chuck and the groove chuck are greater than the diameter of the **connecting** rod. The invention can realize the completion of **tensile** testing of a carbon **fiber cable** which is not dipped with resin, omits the procedures of glue preparation, glue dipping, or solidification, not only prevent the fixture from contacting the carbon **fiber** and thus prevent the damage of the carbon **fiber**, but also prevent the slipping of the carbon **fiber** from the fixture, and ensures that the carbon **fiber cable** fractures at a position far from the fixture.

Inventors

LI YULING

YUAN TINGTING

DING XIN

WANG KEYI

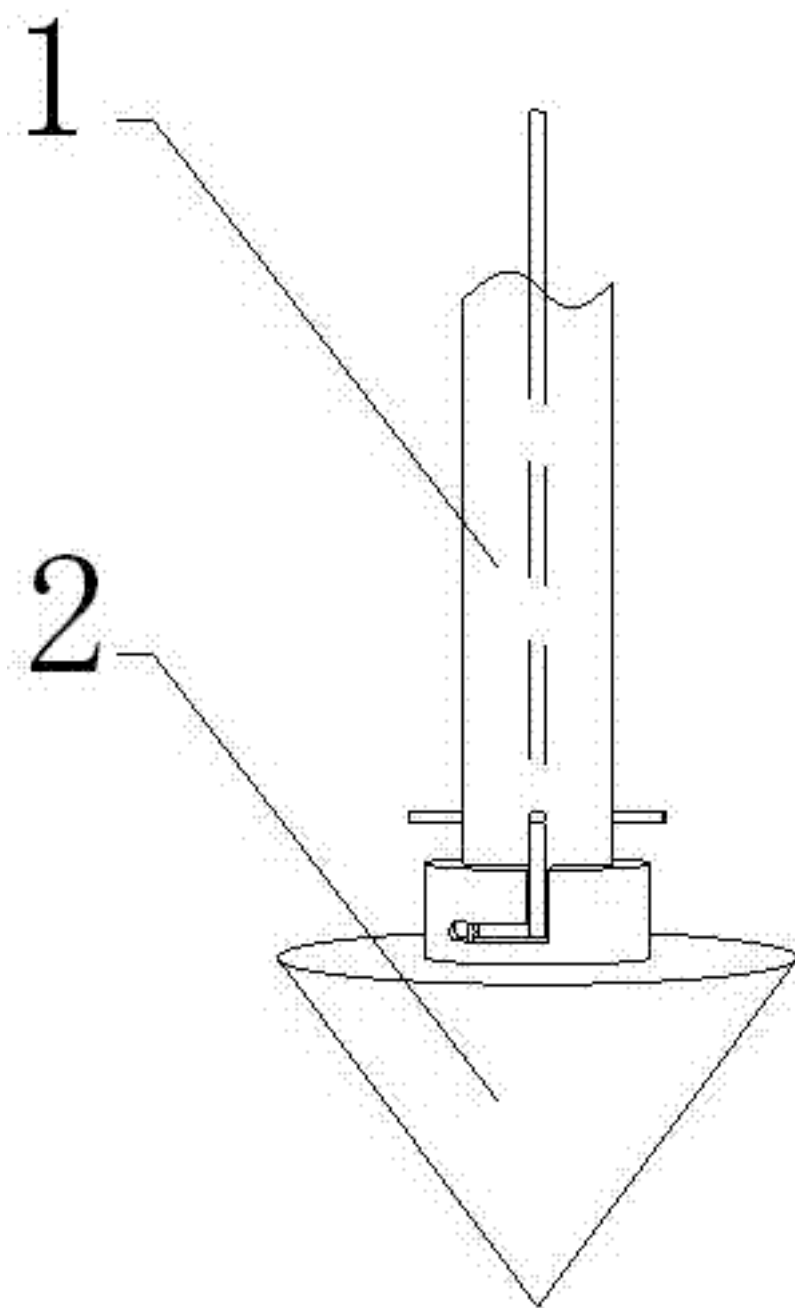
Latest standardized assignees - inventors removed

DONGHUA UNIVERSITY

Family 3/8 - FAMPAT - ©Questel

Title

(CN107326902)

Recyclable pre-stressed anchor **cable** pile for **post-tensioning** method**Images****Publication numbers with kind code & date**[CN107326902](#)

A

2017-11-07

CN107326902

**Abstract**

(CN107326902)

The invention provides a recyclable pre-stressed anchor **cable** pile for a **post-tensioning** method. The recyclable pre-stressed anchor **cable** pile comprises a guniting channel, a drill pipe, four spray heads, two fixing rods, a middle through hole, a hollow **connecting** part, a drill bit, an elastic pin, two L-shaped clamping grooves and an anchor **cable**; the four spray heads are installed at the outer end of the drill pipe at equal distance, the two fixing rods are symmetrically assembled at the front end and the back end of the lower portion of the drill pipe, and the middle through hole is formed in the middle of the interior of the drill pipe; the guniting channel is formed in the drill pipe, and the four spray heads penetrate through the drill pipe to communicate with the guniting channel; the elastic pin is installed at the bottom end inside the hollow **connecting** part, the anchor **cable** is assembled at the upper end of the elastic pin, the two L-shaped clamping grooves are formed in the front end and the back end of the hollow **connecting** part, the two fixing rods and the two L-shaped clamping grooves are assembled together, and the anchor **cable** is installed in the middle through hole. According

to the recyclable pre-stressed anchor **cable** pile, use is convenient, operation is convenient, the construction procedures are reduced, the working efficiency is improved, the strength of a composite cement soil pile is improved, material consumption is reduced, the stability is good, and the reliability is high.

Inventors

LI PENGFEI

LI YONGGANG

CHEN JIAHAO

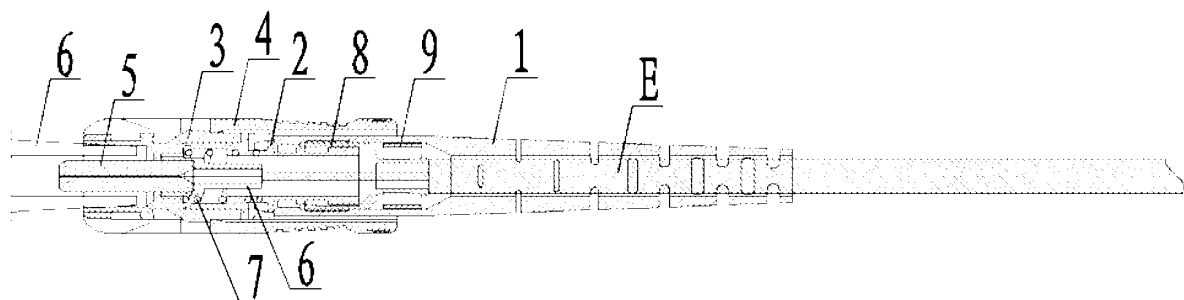
Latest standardized assignees - inventors removed

ZHONGSHAN ZHIHUI TECHNOLOGY SERVICE

Family 4/8 - FAMPAT - ©Questel

Title

(CN203299420U)

Optical **cable** assembly with funnel type **tensile** pressure ring**Images****Publication numbers with kind code & date**[CN203299420](#)

U

2013-11-20

CN203299420U

**Abstract**

(CN203299420)

The utility model discloses an optical **cable** assembly with a funnel type **tensile** pressure ring. The optical **cable** assembly has a jumper wire body, and the end portion of the jumper wire body is provided with a tail sleeve, a back sleeve arranged in the inner cavity of the tail sleeve, an inner core arranged in the back sleeve, a housing arranged outside the back sleeve and the inner core, an insertion core arranged in the inner core and a dustproof cap. The end of the insertion chip far from the dustproof cap is provided with a tail handle, and the tail handle is equipped with a spring. The optical **cable** assembly is characterized in that the funnel type **tensile** pressure ring matched with the back sleeve is arranged in the cavity of the tail sleeve, the funnel type **tensile** pressure ring comprises a first end enclosing the back sleeve and a second end enclosing the optical **cable**, the first end has a cylindrical inner cavity I, an annular projection I **connected** with strengthen aramid **fiber** by crimping is arranged in the inner cavity I, the second end has a cylindrical inner cavity II, and the side wall of the cylindrical inner cavity II is provided with an annular projection II **connected** with an optical **fiber** sheath by crimping. The beneficial effect is that the **tensile** strength of the optical **fiber** is substantially enhanced through improvement of crimping rings.

Inventors

SHAO JIANGLIANG

Latest standardized assignees - inventors removed

OTRANS COMMUNICATION TECHNOLOGIES

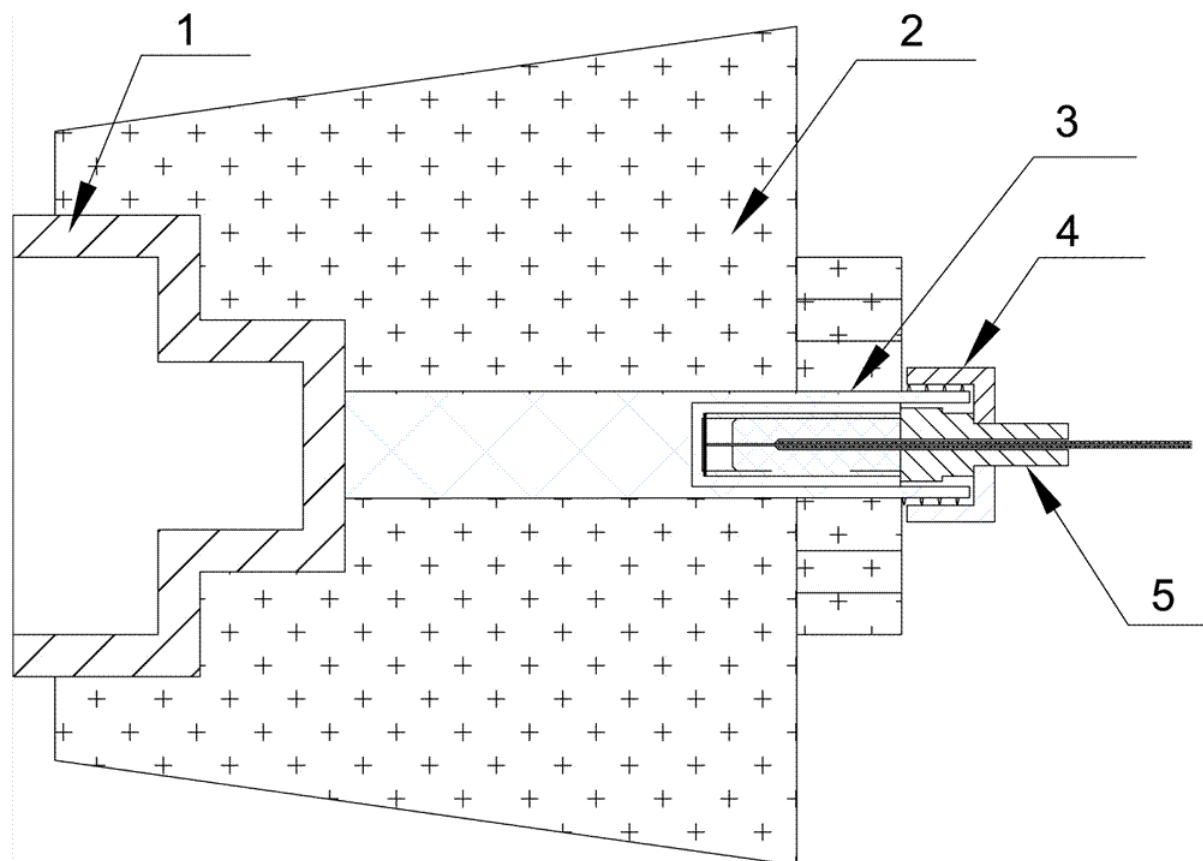
Family 5/8 - FAMPAT - ©Questel

Title

(CN206892256U)

Interplantation formula high **tension cable** partial discharge two -dimensional ultrasound sensor based on laser Interferometer

Images



Publication numbers with kind code & date

CN206892256

U

2018-01-16

CN206892256U



Abstract

(CN206892256)

The utility model discloses an interplantation formula high **tension cable** partial discharge two -dimensional ultrasound sensor based on laser Interferometer, it includes metal nut, interplantation screw thread ceramic -insulated pipe, locate the intraductal sensing probe of interplantation screw thread ceramic -insulated and with sensing probe **connection's** 3dB **fiber** coupler, 3dB **fiber** coupler **connects** laser lamp -house, sensing probe and two light magnetron respectively, and the sensing probe includes outer steel drum, inside lining steel drum, pottery porcelain core, resonance quartz diaphragm and pottery porcelain core mounting, the naked core hangs cushion goes into pottery porcelain core and splices with it, the light signal that reflects back through the first light magnetron of another mohr transmittance grating entering, is got into second light magnetron by this grating reflect part all the way behind 3dB **fiber** coupler. The utility model discloses low cost is convenient for tohigh **tension cable** partial discharge fault point location, can conveniently realize detecting high **tension cable** partial discharge's electrification.

Inventors

LI SIMIAN

Latest standardized assignees - inventors removed

HEBEI GEO UNIVERSITY

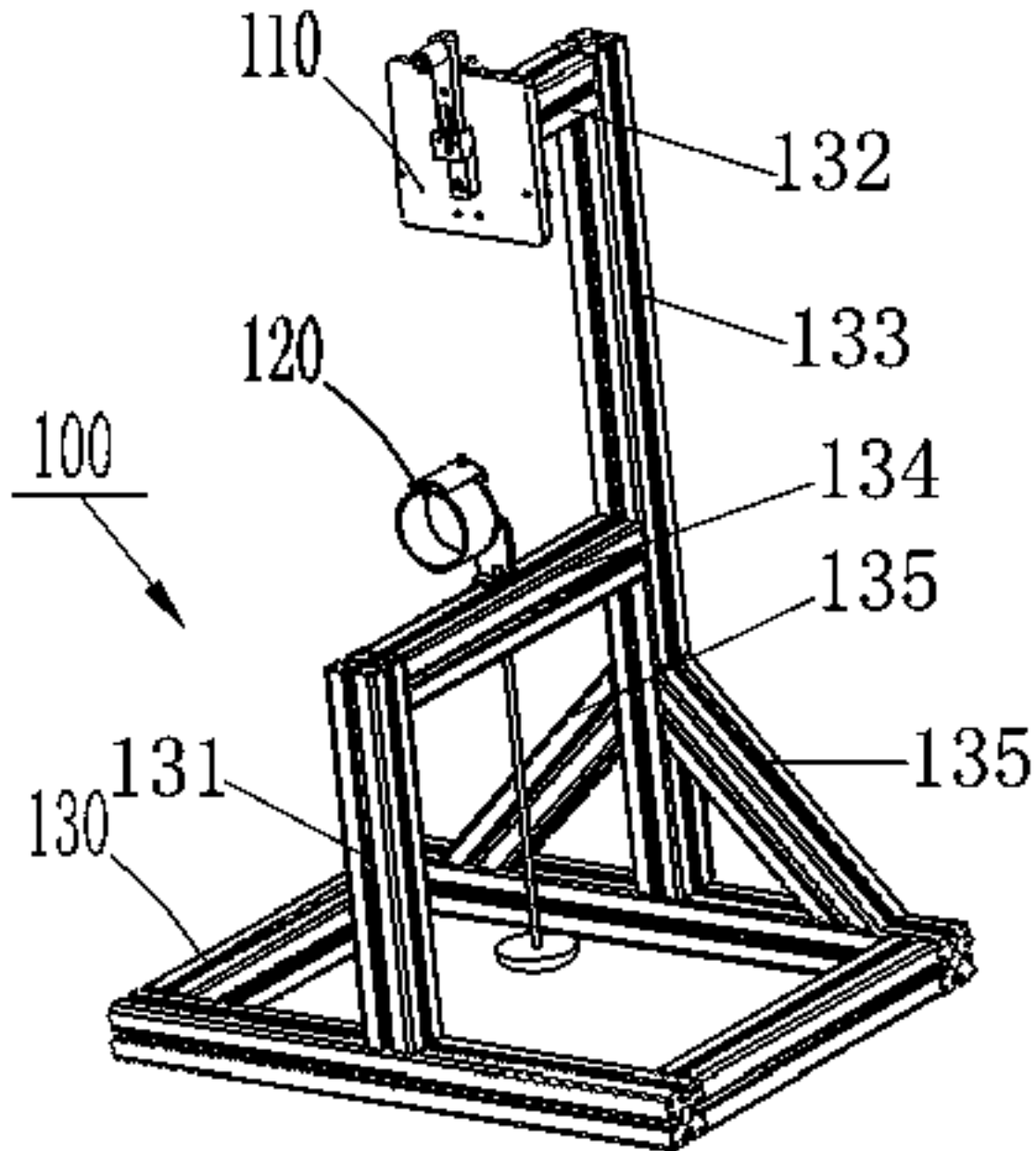
Family 6/8 - FAMPAT - ©Questel

Title

(CN203688124U)

Tension testing device of optical **cable** product

Images



Publication numbers with kind code & date

CN203688124

U

2014-07-02

CN203688124U



Abstract

(CN203688124)

The utility model is suitable for the **tension** testing field, and provides a **tension** testing device of optical **cable** products. The **tension** testing device comprises a rotary disc assembly, a weight disc assembly and a **tension** frame assembly, wherein the rotary disc assembly is **connected** with a top beam panel of the **tension** frame assembly, the weight disc assembly is arranged on a middle beam of the **tension** frame assembly, a **connecting** rod of the weight disc assembly passes through the middle beam of the **tension** frame assembly and is arranged on a weight plate of a weight disc. An optical **fiber** movable **connector** is fixed on the rotary disc assembly, an optical **cable** is wound on a capstan, and bearing weights are arranged on the weight plate, and the **tension** testing function is achieved. The bearing weight can be adjusted arbitrarily, the placement and disassembly of optical **cable** products are simple, the weight disc assembly cannot fall onto the ground but fall on to the **tension** frame when the **tension** test fails, the safety is high, the efficiency is improved, the manpower is saved, and the cost is reduced.

Inventors

JIANG YANG

CAO KANZHONG

XU YIBING

Latest standardized assignees - inventors removed

SHENZHEN HI OPTEL TECHNOLOGY

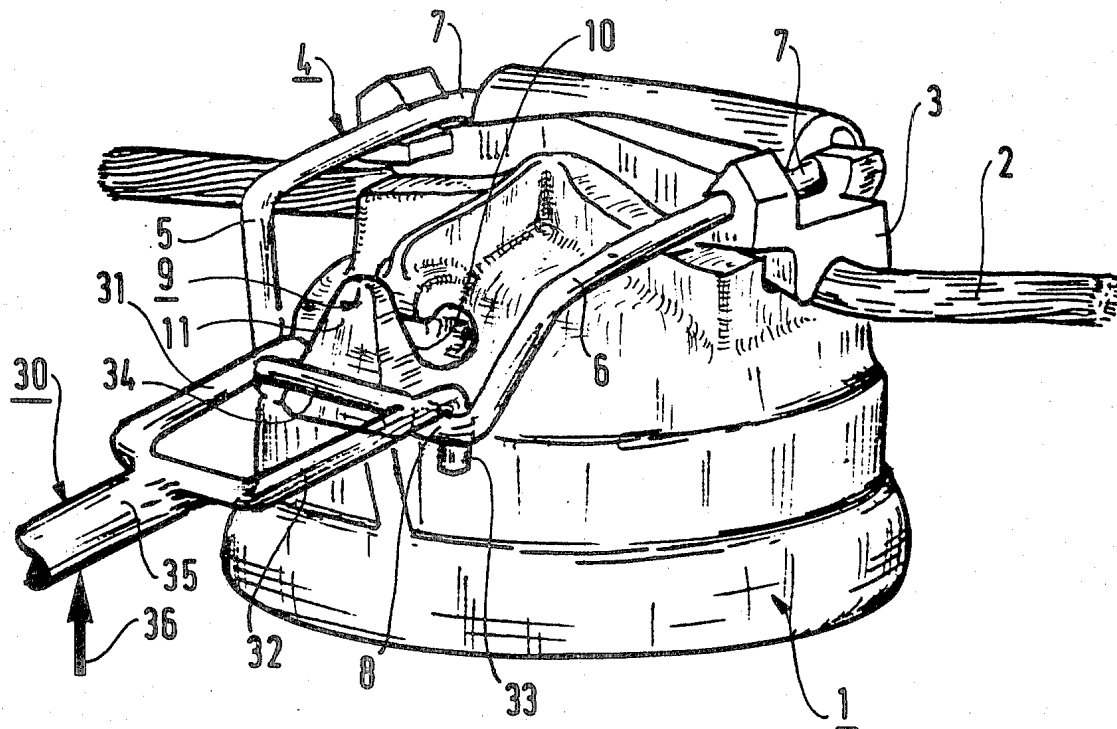
Family 7/8 - FAMPAT - ©Questel

Title

(EP--40384)

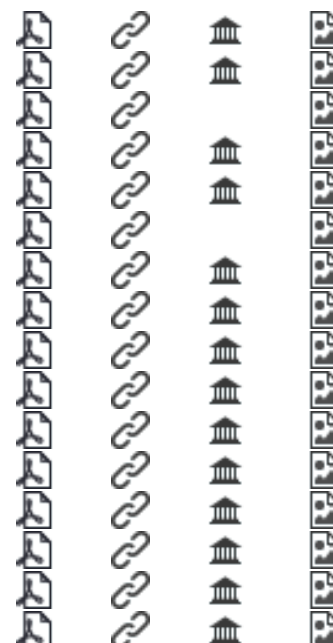
Apparatus for locking-unlocking a **cable** on an insulator cap

Images



Publication numbers with kind code & date

FR2503945	B2	1986-05-16	FR2503945
DE3174166	D1	1986-04-30	DE3174166
AT18832	T	1986-04-15	ATE018832
EP0040384	B1	1986-03-26	EP--40384
FR2482796	B1	1984-02-17	FR2482796
MX149903	A	1984-02-07	MX-149903
NO149054	C	1984-02-01	NO-149054
CA1155942	A	1983-10-25	CA1155942
NO149054	B	1983-10-24	NO-149054
US4402540	A	1983-09-06	US4402540
FR2503945	A2	1982-10-15	FR2503945
ES502242	A0	1982-10-01	ES-502242
ES8300226	A1	1982-10-01	ES8300226
EP0040384	A1	1981-11-25	EP--40384
FR2482796	A1	1981-11-20	FR2482796
NO811625	L	1981-11-17	NO-811625



Abstract

(EP0040384)

A tool having two side rods spaced apart by a **connecting** crossbar facilitates clamping and unclamping a **cable** in a groove on an insulator cap. To clamp the **cable** , the crossbar is inserted into a first recess on the cap between the groove and a protruding stud, and the side rods are pressed against a front branch of a clamp wire pivotally mounted on the cap to snap the front branch into a second recess below a front guide surface on the stud. To unclamp the **cable** , hooked extensions of the side bars engage the front branch of the clamp wire and lift it out of the second recess when the crossbar is pressed

against the front guide surface of the stud. Separate clamping and unclamping tools can be mounted on an insulating handle for pivoting between a rest position and an operating position and spring biasing means can be provided to urge each tool toward a rest position.

(From US4402540 A)

Inventors

WILLEM, MICHEL

GAMET, LUCIEN

Latest standardized assignees - inventors removed

CERAVER

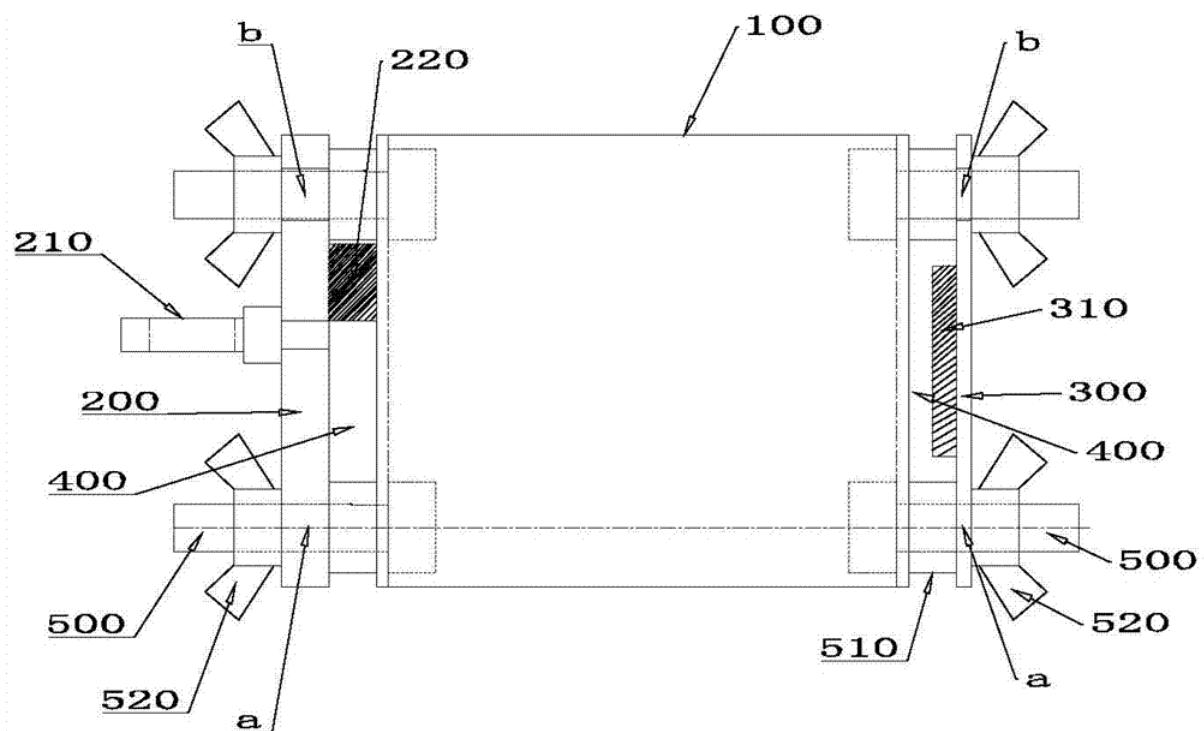
Family 8/8 - FAMPAT - ©Questel

Title

(CN104932075)

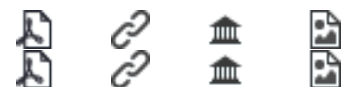
Field operation optical **cable tension** fitting and erecting method of field operation optical **cable**

Images



Publication numbers with kind code & date

CN104932075	B	2018-11-02	CN104932075B
CN104932075	A	2015-09-23	CN104932075



Abstract

(CN104932075)

The invention discloses a field operation optical **cable tension** fitting and an erecting method of a field operation optical **cable**. The field operation optical **cable tension** fitting comprises a fixing plate, a protection plate, a **tension** ring for winding a field operation optical **cable**, and a traction ring for being **connected** to an optical **cable** mounting rod. The fixing plate and the protection plate are opposite to each other, and are both movably **connected** to the **tension** ring. Limit chambers for preventing the field operation optical **cable** from scattering are formed between the fixing plate and the **tension** ring and between the protection plate and the **tension** ring. The traction ring is arranged on the fixing plate. When a user opens the fixing plate and the protection plate, the user can wind the field operation optical **cable** around the **tension** ring by many turns, and then closes the fixing plate and the protection plate and limits the field operation optical **cable** in the limit chambers to prevent the field operation optical **cable** from scattering. Moreover, reinforcing materials inside the field operation optical **cable** wound by many turns can bear **tension** forces, and a sheath is less liable to be affected by **tension** forces, thereby preventing the sheath or a **cable** core of the field operation optical **cable** from being damaged. The field

operation optical **cable tension** fitting has a simple structure, is convenient for construction, and prevents field operation optical cables from being damaged during erecting.

Inventors

HOU FENG

GONG LIQIANG

LI YAOGUANG

WANG ZHAN

DU SHENGCHANG

PAN ZHIPING

Latest standardized assignees - inventors removed

KEYOPTICS