

PatBase - Search results 29 June 2017

Search query (1): [SP]: The invention relates to an anchoring device and method for foundations for a ski lift structure and a line tower comprising such a device. The invention specifically relates to an anchoring device for foundations for a ski lift structure (2) especially with an aerial cableway, comprising a block (3) for supporting the structure (2), the block (3) comprising: anchoring means (6) designed so as to receive the structure (2); a metal cage (7) comprising a housing (11) for receiving the anchoring means (6); and a flexible formwork mounted around lateral faces (14, 15, 17) of the metal cage (7), for holding cast concrete inside the metal cage (7).

Results: 10**Search history**

Search [SP]: The invention relates to an anchoring device and method for foundations for a ski lift structure and a line tower comprising such a device. The invention specifically relates to an anchoring device for foundations for a ski lift structure (2) especially with an aerial cableway, comprising a block (3) for supporting the structure (2), the block (3) comprising: anchoring means (6) designed so as to receive the structure (2); a metal cage (7) comprising a housing (11) for receiving the anchoring means (6); and a flexible formwork mounted around lateral faces (14, 15, 17) of the metal cage (7), for holding cast concrete inside the metal cage (7). (Results 10)

1) Family number: 1221434 (US3931766A)

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Title: Chairlift terminal

Abstract: Source: US3931766A The invention relates to the terminal of an overhead cable transporter in which the cable return sheave is suspended from a tensioning carriage moving on runways formed by two bracing girders fixed to two piers forming an inverted V.

Classifications:

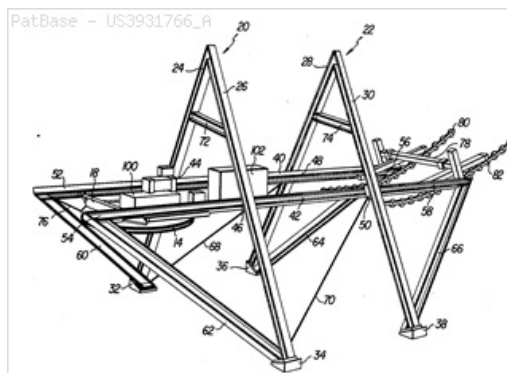
International (IPC 8-9): B61B11/00 B61B12/02 (Advanced/Invention);
B61B11/00 B61B12/00 (Core/Invention)

International (IPC 1-7): B61B11/00 B61B12/00

CPC: B61B12/022

European: B61B12/02B

US: 104/117 104/125 104/173.2

**Family:**

Publication number	Publication date	Application number	Application date
CA1017698 A1	19770920	CA19740216321	19741218
CH582591 A	19761215	CH19740016801	19741217
ES433088 A1	19761116	ES19740433088	19741219
FR2255200 A1	19750718	FR19730046437	19731220
FR2255200 B1	19760723	FR19730046437	19731220
IT1027116 A	19781120	IT19740070677	19741219
JP50095940 A2	19750730	JP19740075768	19740702
JP53022732 B4	19780711	JP19740075768	19740702
US3931766 A	19760113	US19740534470	19741219

Priority:

FR19730046437 19731220

Probable Assignee: POMAGALSKI SA

Assignee(s): (std): POMAGALSKI SA

Assignee(s): POMAGALSKI SA FR ; CATHIARD GASTON ; POMAGALSKI S A

Inventor(s): (std): CATHIARD GASTON

2) Family number: 8519996 (US5857293A)

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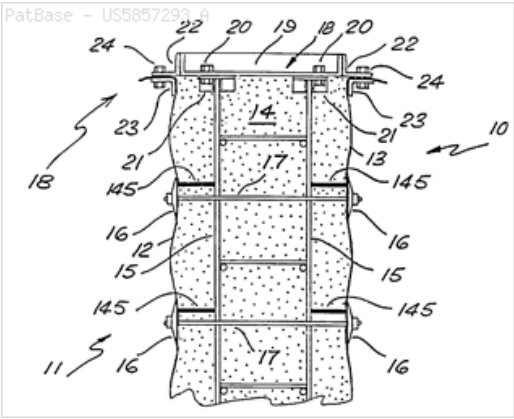
Title: Flexible formwork assembly

Abstract: Source: US5857293A PCT No. PCT/AU94/00676 Sec. 371 Date Apr. 30, 1996 Sec. 102(e) Date Apr. 30, 1996 PCT Filed Nov. 4, 1994 PCT Pub. No. WO95/12726 PCT Pub. Date May 11, 1995A method of casting concrete structures using a "flexible formwork assembly". The assembly has flexible sheets suspended from a fixed location, preferably from a supporting frame assembled on top of the reinforcing members, with rigid stress distribution members located to the outer surface of flexible sheets in predetermined spacings so as to carry load directly and to redistribute stress in the sheet so as to aid the sheet to withstand the concrete pressure. The majority of stress distribution members are arranged in pairs which are directly connected to each other by ties in wall type structures. Reinforcing members are used as a main frame or skeleton to hold and suspend the formwork assembly. Spacers are used to aid in maintaining the sheets in a desired location which ensure adequate concrete cover to the reinforcing prior to pouring of the concrete. Stress distribution members provide external shape, configuration and pattern to the concrete surface by their shape and arrangement. In-situ concreting of walls of most shapes and configurations under water is made viable by this system.

Classifications:

International (IPC 8-9): E02D15/04 E04G9/00

E04G9/08 (Advanced/Invention);
E04G9/00 E04G9/08 (Core/Invention)
International (IPC 1-7): E04G11/00 E04G9/00 E04G9/08
CPC: E02D15/04 E04G9/08
European: E02D15/04 E04G9/08
US: 52/222 52/426 52/63 52/630 52/632 52/646 52/742.14



Family:

Publication number	Publication date	Application number	Application date
AU199481002 A1	19950523	AU19940081002	19941102
AU327794 A0	19940203	AU1994PM03277	19940110
AU551294 A0	19940602	AU1994PM05512	19940510
AU689156 B2	19980326	AU19940081002	19941102
CA2174935 AA	19960424	CA19942174935	19941102
CN1137303 A	19961204	CN19941094466	19941102
EP0726995 A1	19960821	EP19950900007	19941102
EP0726995 A4	19970122	EP19950900007	19941102
US5857293 A	19990112	US19960637695	19960430
WO9512726 A1	19950511	WO1994AU00676	19941102

Priority:

AU1993PM02144 19931102 AU19940081002 19941102 AU1994PM03277 19940110
AU1994PM05512 19940510 WO1994AU00676 19941102

Probable Assignee: FLEXIBLE FORMWORK PTY LTD

Assignee(s): (std): FLEXIBLE FORMWORK PTY LTD ; REDJVANI A ; REDJVANI ASSADOLLAH ; REDSVANI A

Inventor(s): (std): REDJVANI A ; REDJVANI ASSADOLLAH

Inventor(s): A REDJVANI ; ASSADOLLAH REDJVANI

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; RIDOUT AND MAYBEE LLP

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LR LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA US UZ VN

3) Family number: 30164739 (FR2841271A)

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Title: PROCEDE DE REALISATION D'UN MASSIF D'ANCRAGE METHOD FOR MAKING ANCHOR PILE FOR PYLON COMPRISES PROVIDING PREFABRICATED FORMWORK FROM CYLINDRICAL AND BEVELED SECTIONS, PLACING ON SOLE PLATE AND POURING STANCHION INTO FORMWORK

Abstract: Source: FR2841271A Procédé de réalisation d'un massif d'ancrage (1) en béton armé d'un pylône (2), ledit massif (1) ayant une semelle (3) en forme de plaque horizontale surmontée d'une chandelle (4) de révolution inclinée par rapport à la verticale, d'une hauteur donnée, comprenant les étapes suivantes: a) prévoir un coffrage prefabricé de révolution à partir d'une pluralité de tronçons droits cylindriques et d'un tronçon biseauté, chaque tronçon étant constitué de deux demi-cylindres; b) mettre en place le coffrage sur la semelle (3); c) couler la chandelle (4) dans le coffrage; caractérise en ce que lors l'étape b) on place le tronçon biseauté au contact de la semelle (3), l'angle du biseau étant défini de sorte que l'axe de la chandelle (3) et l'axe du pylône sont confondus selon une inclinaison définie préalablement. The method for making a reinforced concrete anchor pile (1) having a sole plate (3) surmounted by an inclined stanchion (4) for a pylon (2) comprises the following stages. A prefabricated formwork is provided from several cylindrical and beveled sections. The formwork is placed on the sole plate and the stanchion is poured into the formwork. Independent claims are included for a stanchion formwork and a pylon anchor pile.

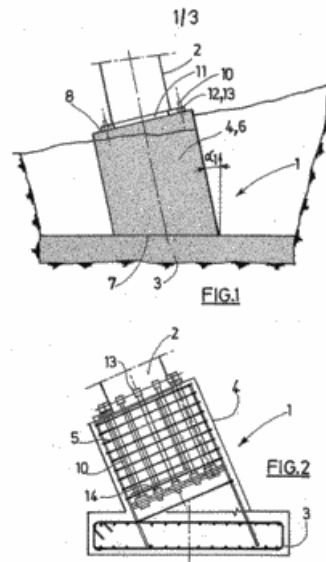
Classifications:

International (IPC 8-9): E02D27/42 (Advanced/Invention);
E02D27/32 (Core/Invention)

International (IPC 1-7): E02D27/42 E04H12/22

CPC: E02D27/42

European: E02D27/42

**Family:**

Publication number	Publication date	Application number	Application date
FR2841271 A1	20031226	FR20020007747	20020621

Priority:

FR20020007747 20020621

Probable Assignee: POMAGALSKI SA**Assignee(s):** (std): POMAGALSKI SA**Inventor(s):** (std): JOST JEROME ; TAMISIER FRANCKIE**4) Family number: 30657578 (US2004111991A)**

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Title: FOOTING FORM

Abstract: Source: US2004111991A A prefabricated concrete form for the pouring of a footing for a structural pillar is disclosed. The form is preferably constructed from a thermoplastic such as a high density polyethylene or ABS and is molded as a single disposable unit. The form is bell-shaped and has dimensions which render it useful in industrial size applications with large footprints. The dimensioning of the form also reduces the amount of material used for the manufacture of the form, allows the form to be backfilled without cave-in and to reliably support a tubular form for the pillar without an additional bracing or supporting structure. The form is in particular a low profile form wherein the sidewall is inclined at an angle below 45 degrees relative to the bottom edge. A top flange of the form is preferably adapted to accommodate two or more different diameters of the tubular form for the structural pillar. The sidewall may include integral ribs which open inwardly to facilitate evacuation of air as the form is filled and to lend rigidity to the sidewall. The sidewall may further include vent openings for the escape of air which is possibly temporarily entrapped during filling of the form. The advantage is an inexpensive form which does not have an excessive height despite large footprints, fills reliably and supports a tubular form for a pillar without the need for cross-pieces, even at sidewall angles below 45 degrees.

Classifications:

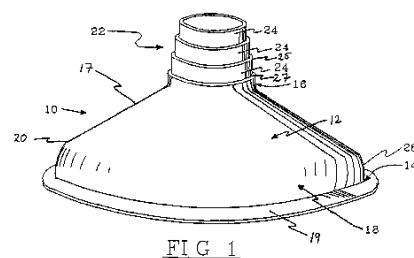
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E02D27/32 E02D5/34 (Core/Invention)

International (IPC 1-7): E02D27/00 E02D27/12 E02D27/32
E02D27/42 E02D5/44 E04C E04G13/02

CPC: E02D5/44 E02D27/42

European: E02D27/42 E02D5/44

US: 249/48 249/51 52/294

**Family:**

Publication number	Publication date	Application number	Application date
AU2003291889 AA	20040630	AU20030291889	20031211
CA2485995 AA	20041115	CA20032485995	20031211
CA2485995 C	20060314	CA20032485995	20031211
CN1938482 A	20070328	CN200380109627	20031211
EP1573136 A1	20050914	EP20030767347	20031211
NO20031651 A	20040614	NO20030001651	20030410
NO20031651 A0	20030410	NO20030001651	20030410
US2004111991 AA	20040617	US20020316814	20021211
US6840491 BB	20050111	US20020316814	20021211
WO04053238 A1	20040624	WO2003CA01919	20031211

Priority:

US20020316814 20021211 WO2003CA01919 20031211

Probable Assignee: BIGFOOT SYSTEMS INC

Assignee(s): (std): BIGFOOT SYSTEMS INC ; F AND S MFG INC ; KIRK SWINIMER ; SWINIMER KIRK

Assignee(s): F AND S MANU CTURING FA ; F AND S MANUFACTURING INC ; F AND S MFG

Inventor(s): (std): KIRK SWINIMER ; SWINIMER KIRK

Agent(s): BORDEN LADNER GERVAIS LLP; FULBRIGHT AND JAWORSKI LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

5) Family number: 43418140 (CN101446088A)

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Title: Construction method for pole and tower foundation in Gobi Desert gravelly soil area

Abstract: Source: CN101446088A The invention discloses a construction method for pole and tower foundation in a Gobi Desert gravelly soil area, comprising the following steps: preparing for construction, excavating foundation ditch, assembling reinforcement, putting up formwork, casting concrete, stripping formwork, maintaining, clearing site and inspecting quality. The method of the invention has obvious economic advantage and less damage to natural resources.

Classifications:

International (IPC 8-9): E02D27/42 (Advanced/Invention); E02D27/32 (Core/Invention)

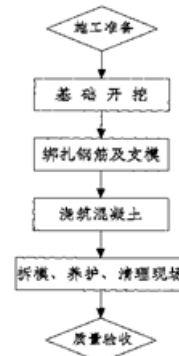


图1

Family:

Publication number	Publication date	Application number	Application date
CN101446088 A	20090603	CN200810226446	20081111
CN101446088 B	20120328	CN200810226446	20081111

Priority:

CN200810226446 20081111

Probable Assignee: CHINA ELECTRIC POWER RES INST**Assignee(s):** (std): CHINA ELECTRIC POWER RES INST ; CHINA ELECTRIC POWER RESEARCH INST**Assignee(s):** CHINA ELECTRIC POWER RESEARCH INSTITUTE**Inventor(s):** (std): YONGFENG CHENG ; XIANLONG LU ; WEIFENG ZHENG ; RUIMING TONG**Inventor(s):** LU XIANLONG ; CHENG YONGFENG ; ZHENG WEIFENG ; TONG RUIMING**6) Family number: 51530750 (CN202323991U)**

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Title: Post-tensioned prestressing pier foundation structure

Abstract: Source: CN202323991U The utility model discloses a post-tensioned prestressing pier foundation structure, which comprises columnar strutting pieces, fixing rings, anchor rods and a bearing platform, wherein an annular grouting groove which is used for containing a device connection flange is arranged on the bearing platform, the end part of at least one columnar structure which is surrounded by the anchor rods extends out from the annular grouting groove, and is fixedly connected with the device connection flange which is arranged in the grouting groove, and the bottom of the columnar structure is connected and fixed with the fixing rings. The grouting groove which has chamfers is arranged at the part of the bearing platform of the pier foundation structure, which is connected with a device, the device connection flange is arranged on high-strength self-compaction slurry which is poured into the groove, the high-strength slurry can effectively balance out the exerted external force, and meanwhile, the chamfers can reduce edge stress concentration.

Classifications:**International (IPC 8-9):** E02D27/42 (Advanced/Invention)

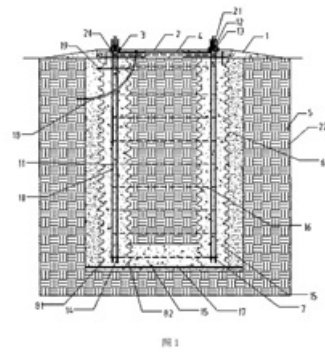


图 1

Family:

Publication number	Publication date	Application number	Application date
CN202323991 U	20120711	CN201120502271U	20111206

Priority:

CN201120502271U 20111206

Probable Assignee: NANJING GUODIAN AUTOMATION NEW ENERGY ENGINEERING TECHNOLOGY CO LTD**Assignee(s):** (std): NANJING GUODIAN AUTOMATION NEW ENERGY ENGINEERING TECHNOLOGY CO LTD**Assignee(s):** NANJING GUODIAN AUTOMATION NEW ENERGY ENGINEERINGTECHNOLOGY CO**Inventor(s):** (std): YING XU**Inventor(s):** XU YING**7) Family number: 54114583 (CN103147457A)**

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Title: MANUFACTURING METHOD FOR INDEPENDENT COLUMN FOUNDATION OF WIND TURBINE GENERATOR

Abstract: Source: CN103147457A The invention discloses a manufacturing method for the independent column foundation of a wind turbine generator. The manufacturing method comprises the following steps: 1), excavating a foundation pit; 2), pouring concrete cushion layer; 3), fixing an outer wall template; 4), placing an anchor bolt cage into the outer wall template, and integrally placing and levelling by using a crane; 5), pouring concrete into the outer wall template; 6), dismantling the outer wall template; and 7), refilling a gap between the foundation and a pit wall by using plain concrete after foundation form stripping. The invention mainly aims at providing the manufacturing method for the independent column foundation of the wind turbine generator, and the method is low in construction cost.

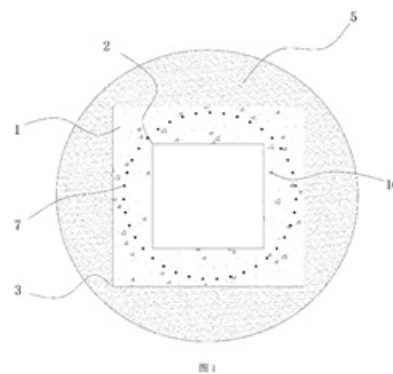
Classifications:**International (IPC 8-9):** E02D27/42 (Advanced/Invention)

图 1

Family:

Publication number	Publication date	Application number	Application date
CN103147457 A	20130612	CN201310052557	20130218

Priority:

CN201310052557 20130218

Probable Assignee: GUANGDONG MINGYANG WIND POWER IND GROUP CO LTD**Assignee(s):** (std): GUANGDONG MINGYANG WIND POWER IND GROUP CO LTD**Assignee(s):** GUANGDONG MINGYANG WIND POWER IND GROUP CO**Inventor(s):** (std): CHEN DASHENG ; DONG PENG ; FU QIANG ; LIU JIAN ; ZHU RONGHUA**8) Family number: 54359759 (WO13110448A1)**

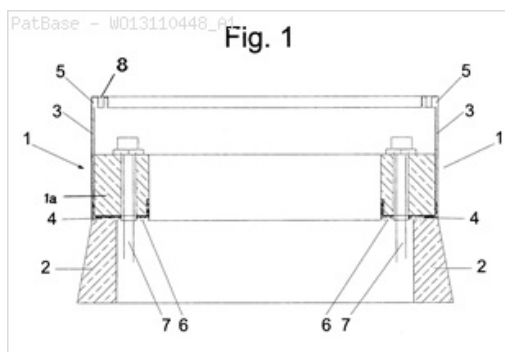
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Title: HYBRID TOWER

Abstract: The invention relates to a hybrid tower having a lower tubular tower section assembled from concrete fabrications and tensioned by tension cables (7), a upper tubular tower section consisting of steel, and an adapter (1) arranged between the two tower sections in order to connect the tower sections. The aim of the invention is to further develop the hybrid tower in such a manner that the adapter (1) can be produced cost-effectively and the tensile and compressive forces arising on the upper tower section can nevertheless be transferred to the lower tower section without difficulty. Said aim is achieved in that the adapter (1) comprise a steel ring configured to be approximately C-shaped in section, the yoke (3) connecting the limbs (4, 5) of the C-shaped ring forms the outer region of the ring, the lower limb (4) has bores (6, 6',...) arranged distributed over the ring to receive the tension cables (7, 7',...) of the lower tower section, the upper limb (5) of the C-shaped ring likewise has bores (8, 8',...) arranged distributed over the ring to receive fixing screws for the upper tower section, the lower limb (4) of the C-shaped ring is placed on the crown of the lower tower section, the adapter (1) is also preloaded by the tension cables (7, 7',...) in the lower tower section, cladding tubes for the tension cables engage over the bores (6, 6',...) in the lower limb (4) of the C-shaped ring, and the C-shaped ring is filled with concrete in the lower region, surrounding the cladding tubes.

Classifications:**International (IPC 8-9):** E04H12/02 E04H12/08 E04H12/16

F03D11/04 (Advanced/Invention)

CPC: E04H12/16 E04H12/08 Y02E10/728 F03D13/20**Family:**

Publication number	Publication date	Application number	Application date
DE102012001109 A1	20130725	DE201210001109	20120123
DE502013001705 D1	20160218	DE201350001705T	20130118
DK2807317 T3	20160307	DK20130701908T	20130118
EP2807317 A1	20141203	EP20130701908	20130118
EP2807317 B1	20151230	EP20130701908	20130118
ES2562341 T3	20160303	ES20130701908T	20130118
WO13110448 A1	20130801	WO2013EP00146	20130118

Priority:

DE201210001109 20120123

EP20130701908 20130118

WO2013EP00146 20130118

Probable Assignee: DROESSLER GMBH UMWELTECHNIK**Assignee(s):** (std): DROESSLER GMBH UMWELTECHNIK**Inventor(s):** (std): LENZING PETER**Agent(s):** GIHSKE GROSSE KLUPEL KROSS BUEROEGEMEINSCHAFT VON PATENTANWAELTEN; GROSSE WOLF DIETRICH RUEDIGER; CARVAJAL Y ISABEL; GROSSE WOLF DIETRICH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 54492358 (CN103225313A)

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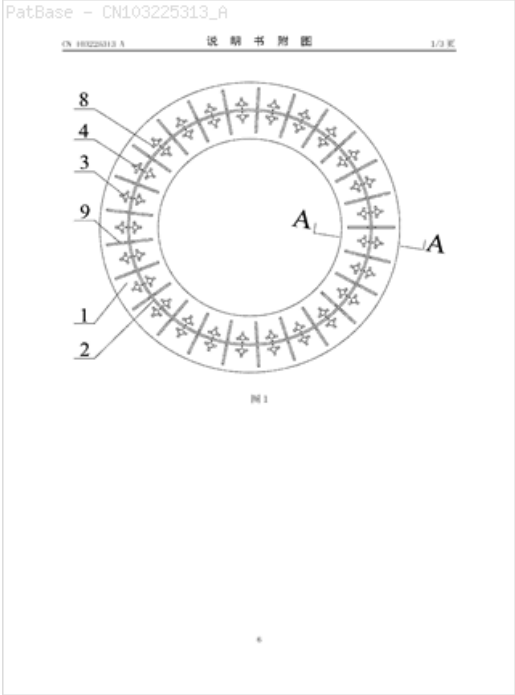
Title: CONNECTION FLANGE FOR PRESTRESSED REINFORCED CONCRETE COMPOSITE FOUNDATION

Abstract: Source: CN103225313A The invention discloses a connection flange for a prestressed reinforced concrete composite foundation. The connection flange is buried at the top of a transitional section of the prestressed reinforced concrete composite foundation, can be directly connected with a tower barrel, and comprises a flange top plate and a flange vertical plate welded at the lower part of the flange top plate, wherein prestressed tendon holes and slurry return holes arranged along the two sides of the flange vertical plate are uniformly distributed in the radial direction of the flange top plate; prestressed tendon guide pipes are welded with the lower part of the flange top plate in correspondence to the prestressed tendon holes; the side walls of the prestressed tendon guide pipes are connected with slurry filling hole channels and vent hole channels respectively; and limiting blocks are arranged around the prestressed tendon holes. According to the connection flange, the tension force of prestressed tendons is effectively utilized and the end parts of the prestressed tendons are reasonably anchored; at the same time, the prestressed tendons can effectively restrict the connection flange and enable an upper load to be transferred to the prestressed reinforced concrete composite foundation and a ground base

through the connection flange; and in addition, the connection flange is fully buried in the prestressed reinforced concrete composite foundation, so that the preservative effect is better.

Classifications:

International (IPC 8-9): E02D27/42 E04H12/22 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN103225313 A	20130731	CN201310142786	20130423

Priority:

CN201310142786 20130423

Probable Assignee: UNIV TIANJIN

Assignee(s): (std): TIANJIN UNIV ; UNIV TIANJIN

Inventor(s): (std): DING HONGYAN ; LIU YONGGANG ; ZHANG PUYANG

10) Family number: 58860772 (WO15044534A1) © PatBase

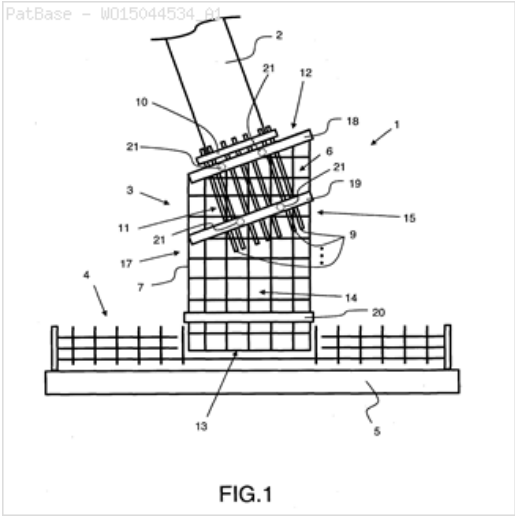
Title: ANCHORING DEVICE AND METHOD

Abstract: The invention relates to an anchoring device and method for foundations for a ski lift structure and a line tower comprising such a device. The invention specifically relates to an anchoring device for foundations for a ski lift structure (2) especially with an aerial cableway, comprising a block (3) for supporting the structure (2), the block (3) comprising: anchoring means (6) designed so as to receive the structure (2); a metal cage (7) comprising a housing (11) for receiving the anchoring means (6); and a flexible formwork mounted around lateral faces (14, 15, 17) of the metal cage (7), for holding cast concrete inside the metal cage (7).

Classifications:

International (IPC 8-9): B61B12/00 E02D15/00 E02D27/00 E02D27/01 E02D27/32 E02D27/42 E02D5/54 E02D5/74 E04H12/22 (Advanced/Invention)

CPC: E02D27/42 E02D27/01 E02D2200/13 E02D2250/0007 E02D2300/0006 E02D2300/0026 E02D2600/40 E02D27/425



Family:

Publication number	Publication date	Application number	Application date
CN105556039 A	20160504	CN201480051849	20140605
CO16073015 A2	20160630	CO20160073015	20160323
EP3049580 A1	20160803	EP20140736874	20140605
FR3011012 A1	20150327	FR20130002239	20130926
FR3011012 B1	20151113	FR20130002239	20130926
JP2016532022 T2	20161013	JP20160515941T	20140605

KR20160062011 A	20160601	KR20167007861	20140605
WO15044534 A1	20150402	WO2014FR00126	20140605

Priority:

FR20130002239 20130926 WO2014FR00126 20140605

Probable Assignee: POMAGALSKI SA

Assignee(s): (std): POMA ; POMAGALSKI SA

Assignee(s): POMAGALSKI

Inventor(s): (std): LE PAGE MAXIME ; LAVILLE PHILIPPE ; DOVILLAIRE EDOUARD

Inventor(s): EDOUARD DOVILLAIRE ; MAXIME LE PAGE ; PHILIPPE LAVILLE

Agent(s): JOSE ANDRES RINCON USCATEGUI; HECKE GERARD; CABINET HECKE; NAGAI HIROSHI; TALBOT ALEXANDRE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW