

6 Documents

Publication numbers	Title	Current assignees
KR100703635 B1	Potential transformer establishing structure on the telegraph pole	BAN SUCK
JP2007121875 A	Mounting structure of member for telegraph pole	CHUGOKU ELECTRIC POWER
KR101394095 B1	Method for constructing power distribution line by using combined overhead ground wire and extra high voltage neutral line having separated installation structure for extra high voltage neutral line and low voltage neutral line	DAEWOO ELECTRIC MACHINERY, ...
CN205368107U U	Float glass production and glass flow adjusting device and device's transmission pole setting structure thereof	QINHUANGDAO GLASS INDUSTRY RESEARCH & DESIGN INSTITUTE
JP2013227792 A	Main rope supporting pole for concrete structure	KYOWA, ...
AU8290417 A	Foundation for a pole , a pillar or the like	ESKILSTUNA INVEST

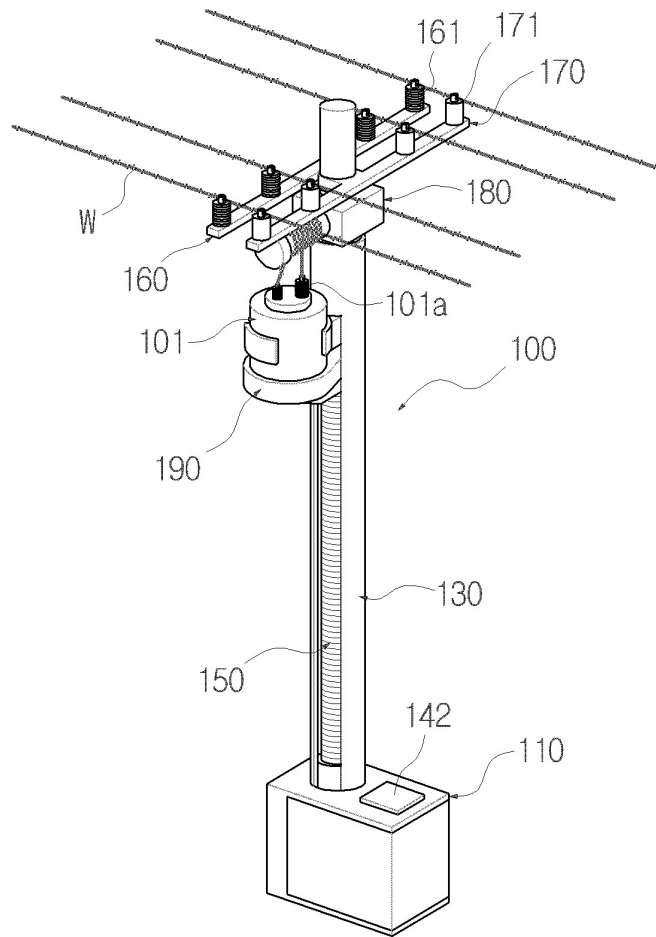
Family 1/6 - FAMPAT - ©Questel

Title

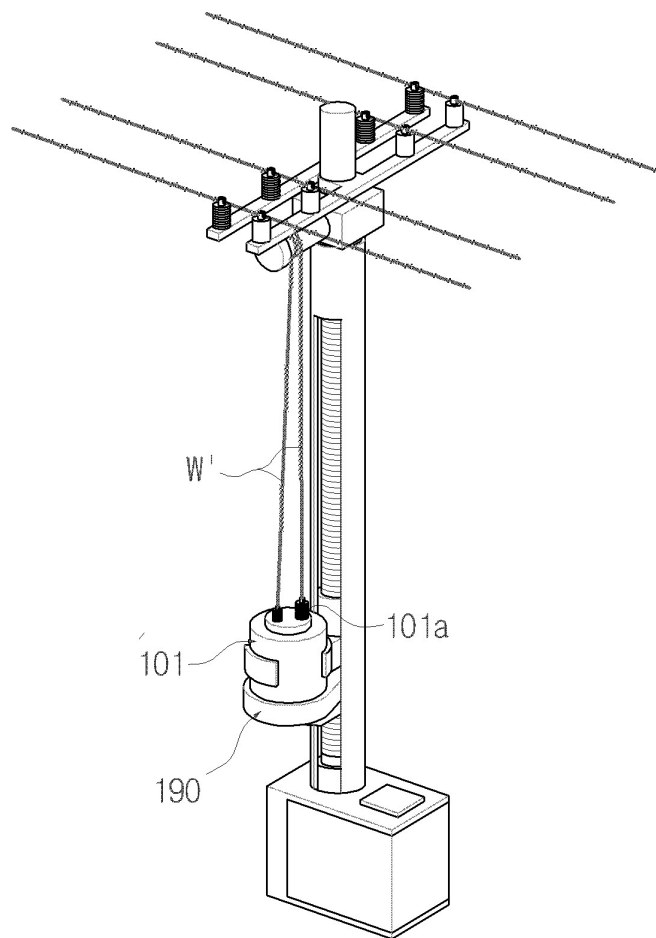
(KR100703635)

Potential transformer establishing **structure** on the telegraph **pole**

Images



(a)



(b)

Publication data including kind & date

KR100703635

B1 2007-03-29

KR100703635

**Abstract**

(KR100703635)

PURPOSE: A transformer establishing **structure** of a telegraph **pole** is provided to facilitate maintenance, repair, management of a transformer by ascending and descending the transformer to allow a worker to stably manage the transformer.

CONSTITUTION: In a transformer establishing **structure** of a telegraph **pole**(100), the telegraph **pole**(100) has a **pole** installed upward by using a supporting **box**(110) as a supporting device. A cross arm(160) fixing a wire(W) and a transformer(101) are installed at an upper part of the **pole**. The transformer(101) is movable up and down along a lengthwise direction of the **pole**. A transformer supporting bar(190) to which the transformer(101) is mounted, is installed on the **pole**. The transformer supporting bar(190) is fixed by being engaged with a **screw**(150) installed along the lengthwise direction of the **pole**. If the **screw**(150) rotates, the transformer supporting bar(190) moves along the lengthwise direction of the **pole**. A withdrawn wire(W') has a length for a movement of the transformer(101). A winding unit(180) is installed at the upper part of the **pole** to wind or unwind the withdrawn wire(W') when the transformer(101) moves up and down.

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Inventors

HONG ING PYO

Latest standardized assignees - inventors removed

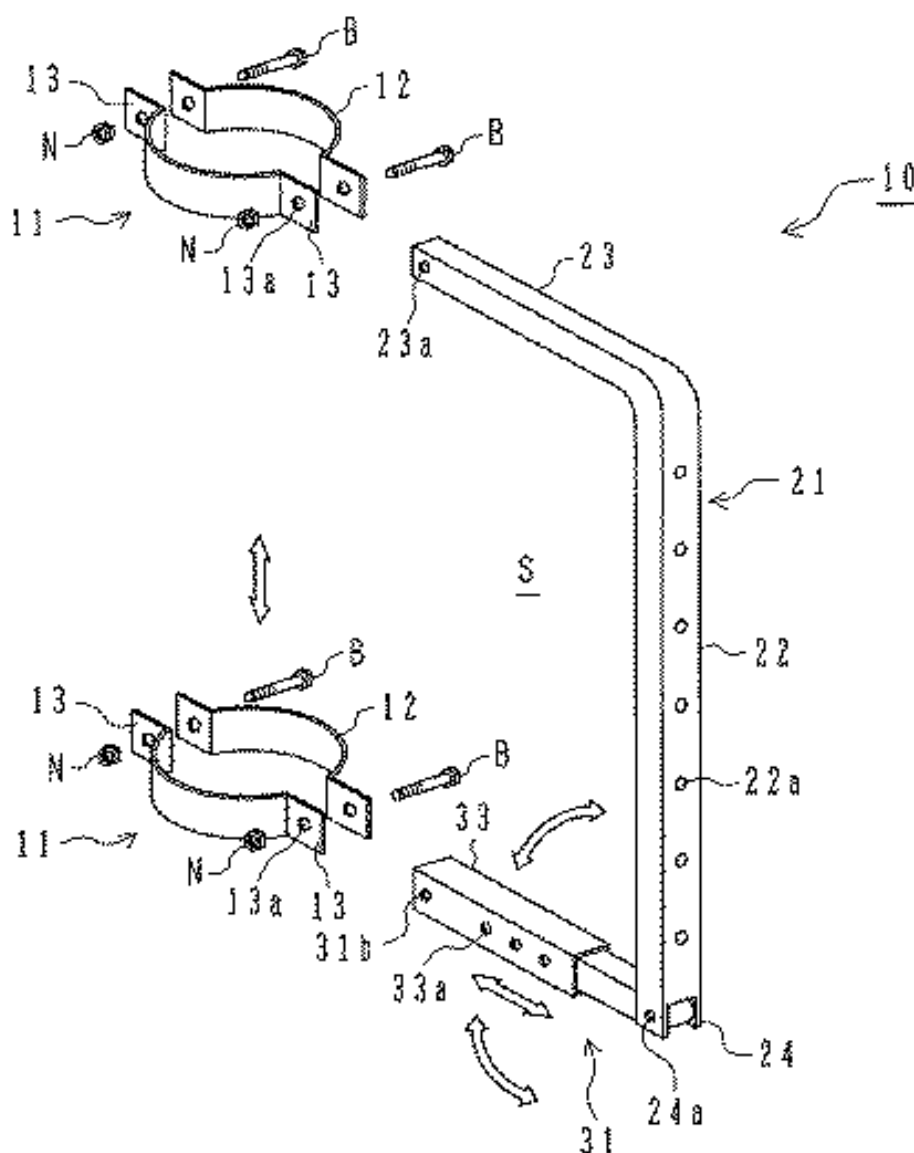
BAN SUCK

Family 2/6 - FAMPAT - ©Questel

Title

(JP2007121875)

Mounting **structure** of member for telegraph **pole****Images**



Publication data including kind & date

[JP2007121875](#)

A 2007-05-17 JP2007121875



Abstract

(JP2007121875)

PROBLEM TO BE SOLVED: To provide a mounting **structure** of a member for telegraph **poles**, which can be easily mounted at an arbitrary height later and is capable of easily coping with extension of communication line, by realizing a **structure** which is easily mounted on a telegraph **pole** at arbitrary intervals and is capable of easily opening a space along the telegraph **pole**.

SOLUTION: The mounting **structure** includes a belt member 11 wound and fixed around the telegraph **pole** and an adjacent member 21 which is mounted by the belt member in a state of securing an adjacent space S between the adjacent member 21 and the telegraph **pole**, and the adjacent member has an extension part 23 of an upper part directly connected to the belt member and has a lower part connected to the belt member indirectly through a connection member 31, and the connection member is connected to the adjacent member turnably to the belt member and has a **structure** allowing the length of the connection member to be adjusted.

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Inventors

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CHUGOKU ELECTRIC POWER

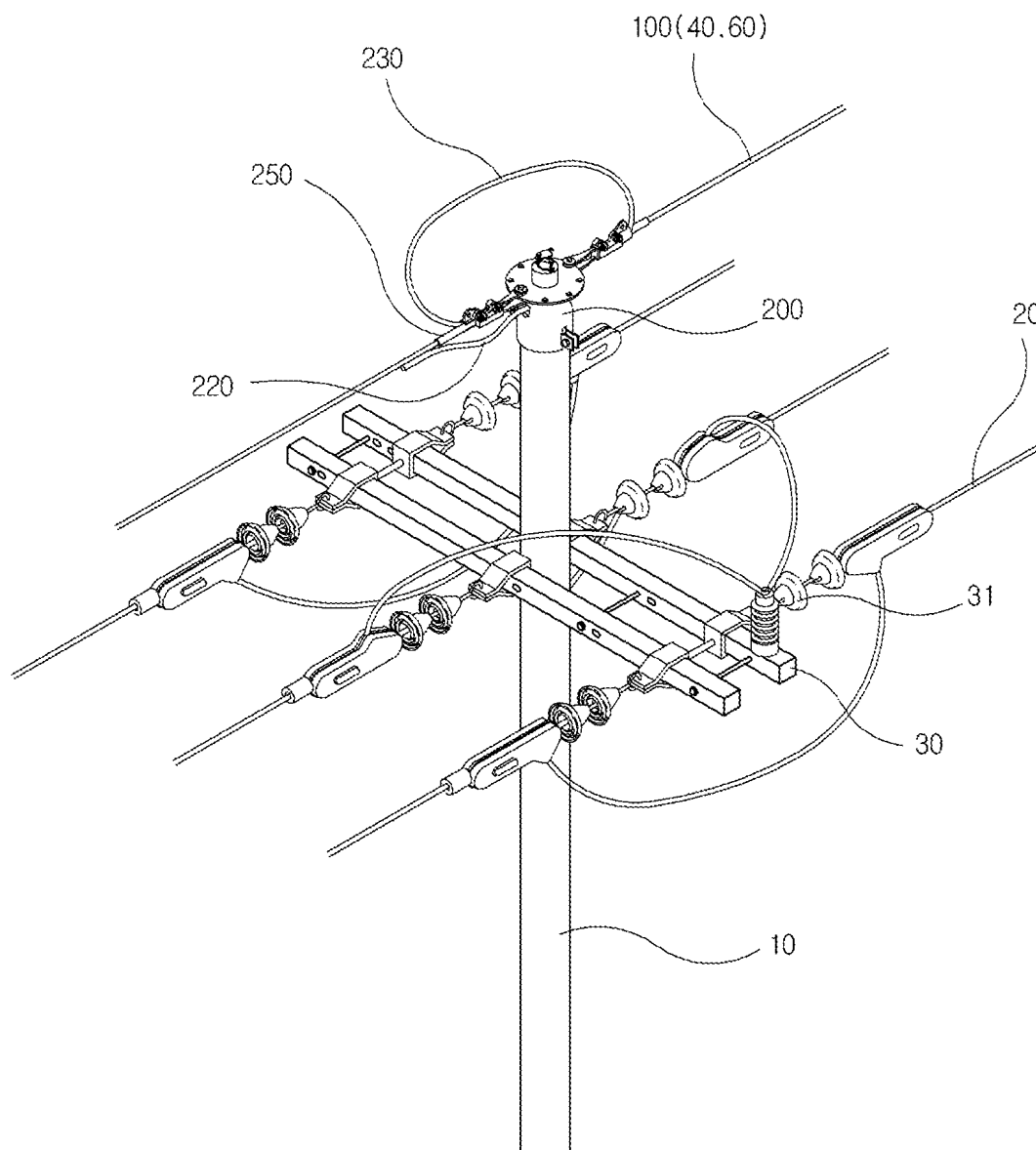
Family 3/6 - FAMPAT - ©Questel

Title

(EP3121920)

Method for constructing power distribution line by using combined overhead ground wire and extra high voltage neutral line having separated installation **structure** for extra high voltage neutral line and low voltage neutral line

Images



Publication data including kind & date

KR101394095	B1	2014-05-14	KR101394095
PH12015500605	A1	2015-05-11	PH12015500605
WO2015141894	A1	2015-09-24	WO2015141894
CN105102090	A	2015-11-25	CN105102090
VN44851	A	2015-12-25	VN--44851
US20160181771	A1	2016-06-23	US20160181771
JP2016519560	A	2016-06-30	JP2016519560
IN1640/CHENP/2015	A	2016-07-01	IN2015CN01640
JP6018336	B2	2016-11-02	JP6018336
EP3121920			



	A1	2017-01-25	EP3121920				
CN105102090	B	2017-04-12	CN105102090B				
US9634470	B2	2017-04-25	US9634470				
EP3121920	A4	2018-01-17	EP3121920				

Abstract

(EP3121920)

The present invention relates to a distribution line, and more particularly, to a method of constructing a distribution line using an extra-high voltage neutral line combined with an overhead earth wire having a separate installation **structure** of the extra-high voltage neutral line and a low-voltage neutral line for improving electric power quality, in which a distribution line simultaneously perform functions of an overhead earth wire for shielding lightning, an extra-high voltage neutral line for returning unbalanced currents and fault currents and an optical communication line for establishing a communication network, such that a number of disconnections of power lines is reduced by reducing surge voltage thereby achieving excellent lightning shielding effects such as improved power quality, etc., construction costs are reduced, load is reduced, construction quality is improved, and aesthetic features of the urban area is improved by simplifying the distribution equipment, and the overhead earth wire, the extra-high voltage neutral line and the optical communication line are prevented from being disconnected, and communication companies can achieve high profits by lending the optical communication lines, and the power equipment can provide high added value by reducing communication line leasing costs through securing its own communication networks, and a connection between different types of metals of a secondary lightning conductor (copper) and an extra-high voltage neutral line (aluminum) is prevented from being disconnected.

Inventors

KWON SAE WON

Latest standardized assignees - inventors removed

DAEWOO ELECTRIC MACHINERY

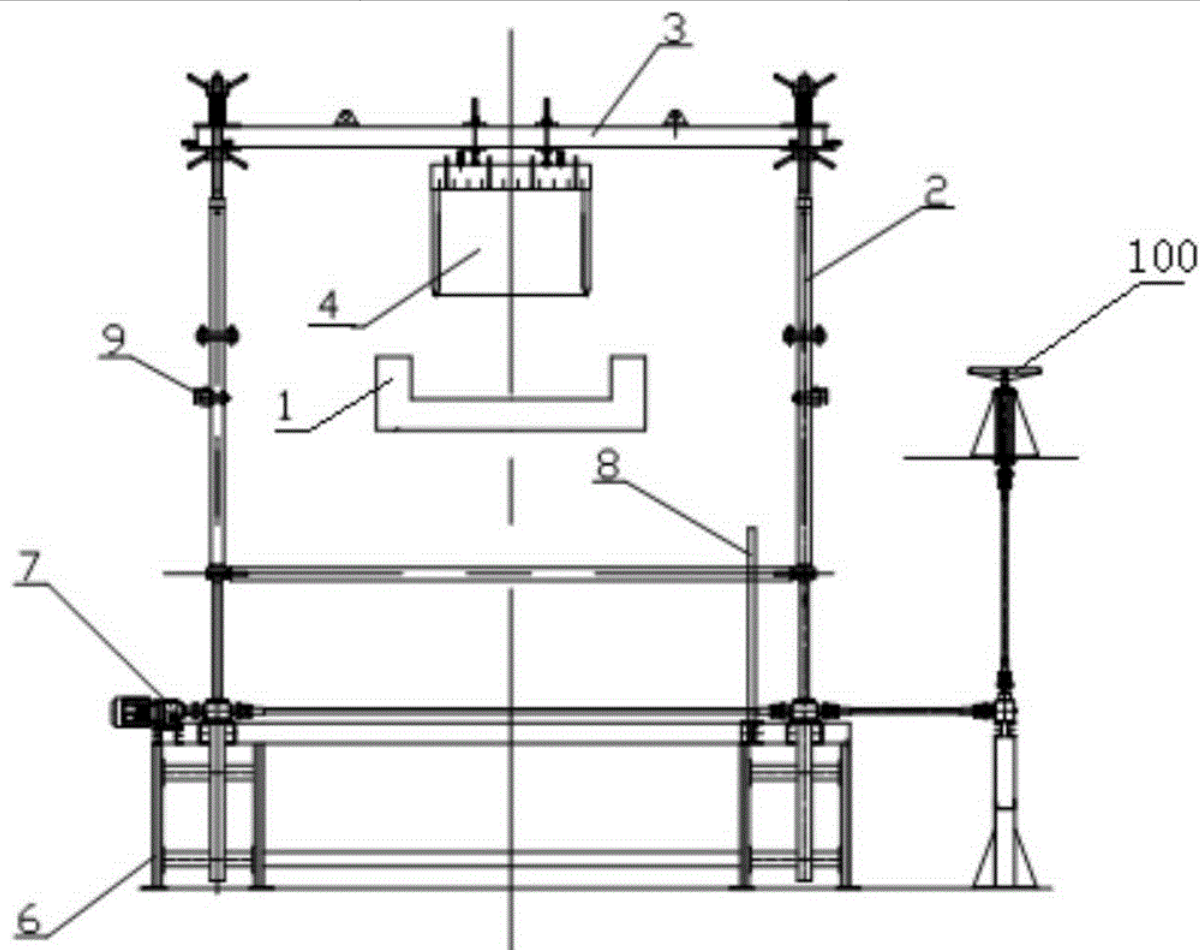
WOONJANG ELECTRIC POWER

Family 4/6 - FAMPAT - ©Questel

Title

(CN205368107U)

Float glass production and glass flow adjusting device and device's transmission **pole** setting **structure** thereof**Images**



Publication data including kind & date

CN205368107

U

2016-07-06

CN205368107U



Abstract

(CN205368107U)

The utility model provides a float glass production and glass flow adjusting device and device's transmission **pole** setting **structure** thereof, the device set up at float glass production's melting furnace and the flow channel position between the molten tin bath, hang connecting piece and floodgate plate brick including mounting console, actuating mechanism, transmission **pole** setting **structure**, flashboard. The utility model discloses a transmission **pole** setting **structure** adopts segment **structure** to the four corners of the connecting plate of two segment structures sets up mutually perpendicular's slotted hole respectively, moves along slotted hole length direction through the upper junction plate, can regulator plate brick and flow channel lateral wall brick both sides gap size, thus avoid that gaseous in the molten tin bath overflow with the gap between the flow channel lateral wall brick and production cassiterite gathers from floodgate plate brick, the utility model discloses a **parallel** arrangement twice adjusting device needs to be changed or adjusting device when breaking down at one of them shoe brake board, launches another floodgate plate brick and adjusting device, can reduce and change flashboard and the influence of adjusting device maintenance to production.

Inventors

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YI YUQIANG

Latest standardized assignees - inventors removed

QINHUANGDAO GLASS INDUSTRY RESEARCH & DESIGN INSTITUTE

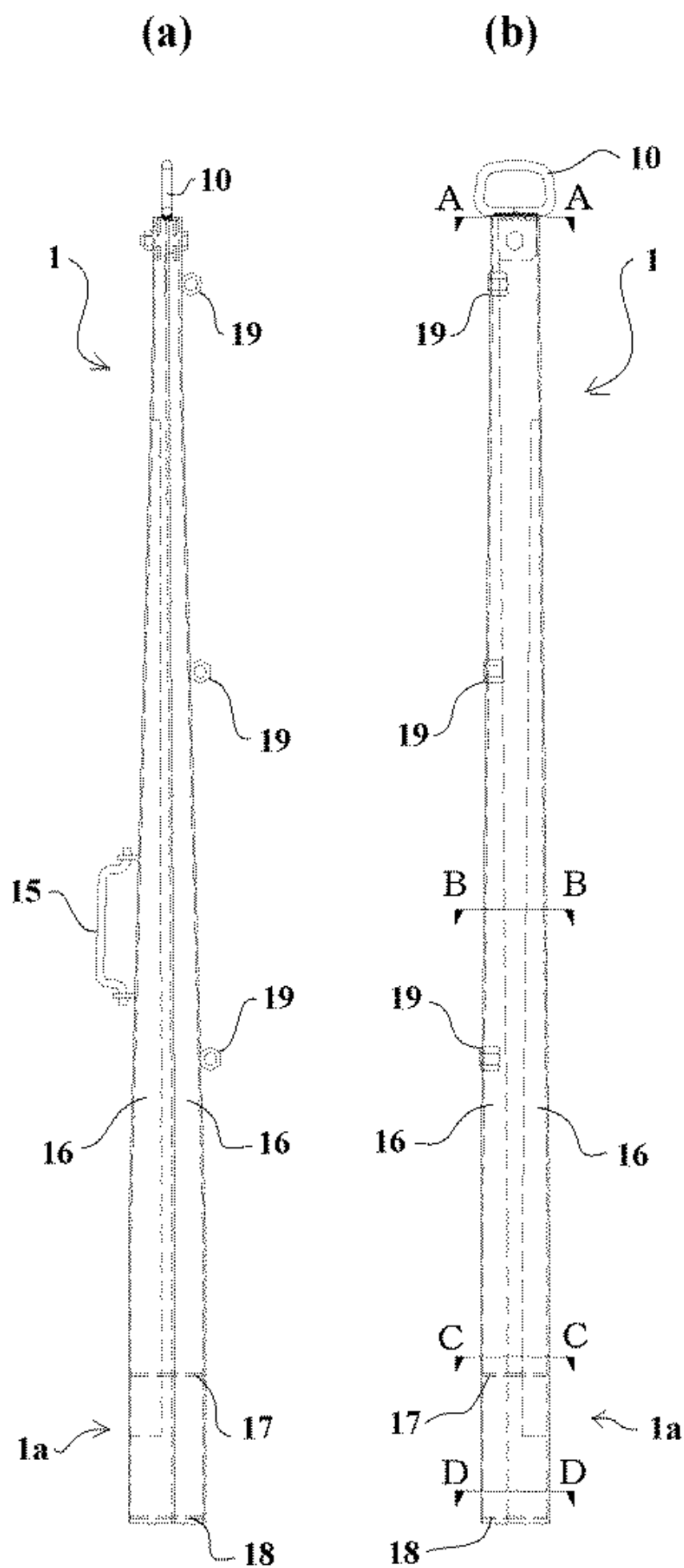
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Title

(JP2013227792)

Main rope supporting pole for concrete structure

Images



Publication data including kind & date

JP2013227792	A	2013-11-07	JP2013227792
JP6013770	B2	2016-10-25	JP6013770

**Abstract**

(JP6013770)

PROBLEM TO BE SOLVED: To provide a main rope supporting **pole** which can be erected on a concrete **structure**. SOLUTION: The main rope supporting **pole** for the concrete **structure** includes a tubular supporting **pole** body, and a main rope holding fitting mounted at the upper end thereof. The base part of the supporting **pole** body is a straight tube.

Inventors

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KAWAMURA YUKI

Latest standardized assignees - inventors removed

KYOWA
NIPPON STEEL & SUMIKIN METAL PRODUCTS

Family 6/6 - FAMPAT - ©Questel

Title

(EP--80143)

Foundation for a **pole**, a pillar or the like**Images**

(EP--80143)

A foundation for a mast, supporting pillar, rails, and the like, comprising an anchoring portion (2) of hollow section design open at the bottom and adapted to be driven into the ground by being vibrated, and a inner (3,3'), and, if desired, and outer (4) ground consolidating element. Preferably at least the inner ground consolidating element (3) is arranged for longitudinal displacement inside the anchoring portion (2) so that the earth entering from below into the interior of the anchoring portion (2) is consolidated during the entire period of sinking the anchoring portion (2) into the ground by vibrating it. In similar manner, also the outer ground consolidating element (4) may be arranged to be displaceable in longitudinal direction. A vibrator suspended from construction equipment or an airship and lowered from the same under loading which acts on the anchoring portion and corresponds approximately to the dead weight of the vibrator (about 1.5 to 3.5 tons) is connected to the upper end of the anchoring portion (2) to sink the same into the ground by vibrating it. The anchoring portion (2) of hollow section design has extremely thin walls as compared to its length and width.

(From US4558545 A)

Inventors

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Latest standardized assignees - inventors removed

ESKILSTUNA INVEST