

Search strategy

Query

(STRUCTURE+ AND FAUCET AND INSTALLATION AND COUPLING)

100 Documents

Publication numbers	Title	Current assignees
KR101642971 B1	Installation structure for faucet	AHN CHOONG BUM
EP-866180 A2	Base member for fixing a faucet and method for fixing	INAX
WO201617881 A1	Coupling structure of easily intalled and separated faucet	IDIN LAB, ...
KR20100135498 A	A structure of the combination faucet and washbasin	KIM, JONG-KOO
US20120137427 A1	Fixing structure of faucet	GLOBE UNION INDUSTRIAL
KR20140021421 A	Adjustable Fixing Structure of Built-in Wall Water Service Box and Circular Faucet Supporter	Wang, Hye - Ja
CN105089115 A	Countertop rapid mounting structure of faucet	ZHEJIANG SUERDA SANITARY
KR20070104225 A	Faucet mounting tool and faucet mounting method	TAKAGI
CN102913703 A	Connection structure between shower head and shower faucet	MAIN PLAN BATHROOM COLLECTIONS
CN202787400U U	Fast mounting structure of faucet	RUNNER
KR200342609U Y1	Coupling for faucet	NAM JOON W, ...
JP2001132027 A	Mounting structure of mixing faucet	TOTO
JP2011026897 A	Water cut-off structure of faucet	PANASONIC
KR20050008030 A	Structure for connecting a tap and a pipe	OH, SEUNG GUN
KR100788190 B1	Structure of elbow for water supply pipe and water pressure/fixing plug and faucet constructing method thereby	C & C, ...
JP2000120117 A	Installation structure of faucet	INAX
KR20090098345 A	Structure of elbow for water supply pipe and water pressure/fixing plug and faucet constructing method thereby	HYUN SUNG P & M
CN202834505U U	Connection structure of shower head and shower faucet	MAIN PLAN BATHROOM COLLECTIONS
JP2001173043 A	Installation structure of mixing faucet	TOTO
CN103453194 A	Connection structure of square vertical column water faucet	LIN JIECHAO
CN207454870U U	Mounting structure with adjustable faucet valve body	XU WENYI
JP2001140307 A	Fitting structure for mixing faucet	TOTO
JP2001182108 A	Connecting structure of piping for faucet	INAX
JP2002081104 A	Faucet installing structure	KITAMURA FUSION MACHINERY
KR20040027725 A	Structure of assembling faucet outlet and water supply hose of washing machine	KIM BYOUNG YOON
TW-443449U U	Structure faucet water diversion device	GUO JU CHENG
CN108302214 A	Rapid installation type anti-freezing faucet	TANGSHAN KAIFENG TOILET & BATHROOM

Publication numbers	Title	Current assignees
		PRODUCT
KR20140111551 A	Faucet for water ionizer, and faucet adhesion structures the same	ION
JP2000291086 A	Fitting structure for simplified joint integrated faucet	SAN FAUCET MANUFACTURING
CN104061344 A	Resinous water cut-off valve cartridge, installation structure of resinous water cut-off valve cartridge, and water cut-off structure of faucet	MIZSEI MANUFACTURING
CN204544506U U	Press and switch a water installation and gondola water faucet	FUJIAN XIHE SANITARY WARE TECHNOLOGY
JP09026068 A	Joint mounting structure of water faucet box	SEKISUI CHEMICAL
KR20180116555 A	Faucet Installer And Faucet Installation Structure With The Same	HWANG, CHANG YOEN
JP3005218 B2	Faucet mounting structure	DAELIM TRADING, ...
JP08239875 A	Main body structure in faucet	TOTO
CN104896187 A	Height adjustment fixing base for faucet before and after installation	FOSHAN GAOMING ANHUA CERAMIC SANITARY WARE
CN105715833 A	Top-mounted type integrated faucet and installation method	JIAO MINGXIAN
JP2010276048 A	Waterproof structure of faucet	PANASONIC
JP2019002206 A	Coupling the storage box, storage box and the pipe joint and the protective cover assembly apparatus and assembly of the apparatus, and the mixing faucet installation structure of	MIRAI INDUSTRY
JP2009185507 A	Faucet mounting structure	SAN FAUCET MANUFACTURING
JP3115501U U	Faucet with a protective cover for a flexible coupling tube	TAIFUREKKUSU
KR101440572 B1	Faucet coupling structure	KOLON GLOBAL
CN105090586 A	Faucet and connecting structure thereof	TALOS HOLDINGS
HK1178373 A2	Installation structure of basin	NINGBO HIGH TECHNOLOGY ZONE DENGGAO SANITARY WARE
US20060185076 A1	Faucet assembly with integral water supply shut-off valve	SWIFTOP
CN208750232U U	Suction pull faucet quick connect faucet structure then draw pull and fast	KAIPING GEM PLUMBING FITTINGS
CN109296034 A	Convenient way of a faucet mounting structure	ZHEJIANG OULIN HEALTHY LIFE TECHNOLOGY
CN108119689 A	Faucet structure	FOSHAN YUNMI ELECTRICAL TECHNOLOGY, ...
WO2009146584 A1	A faucet body mounting structure	LIN LIWEI

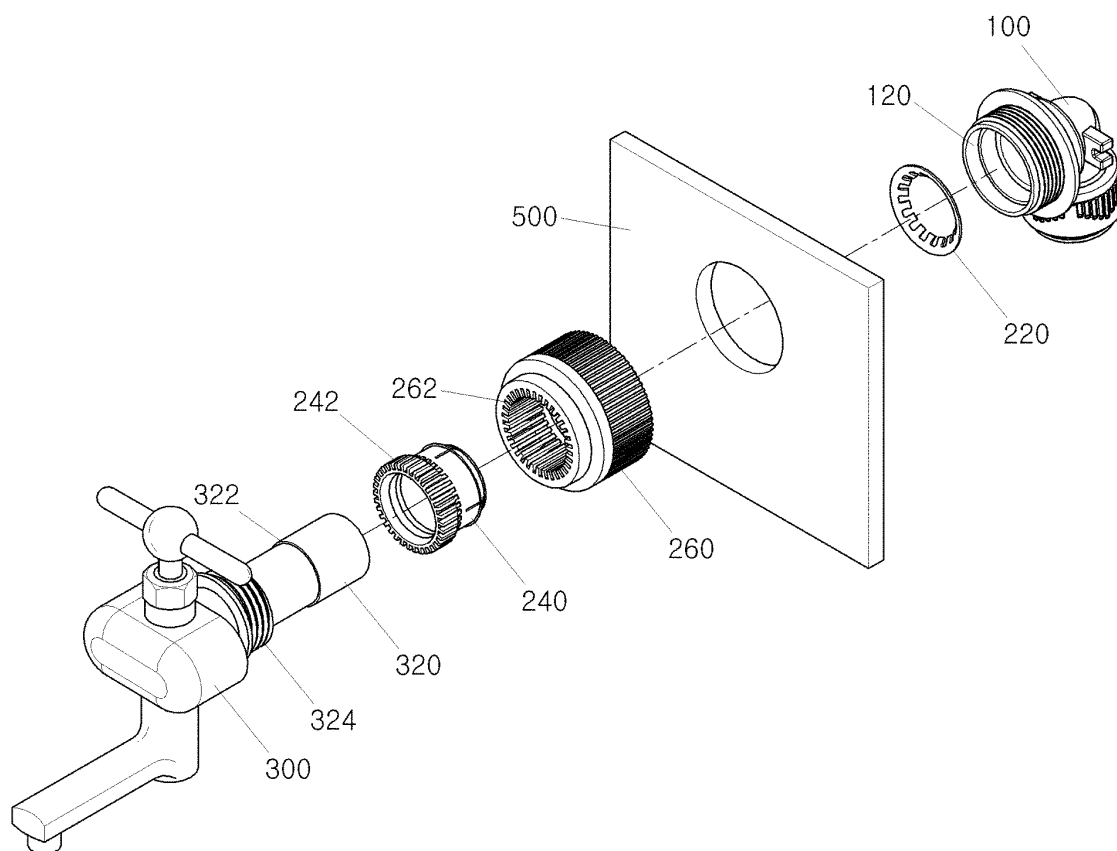
Publication numbers	Title	Current assignees
JP2002206263 A	Washing faucet	URO ELECTRONICS
CN206681086U U	Realize faucet structure of quick installation of inlet tube	YUHUAN YUZHI WATER HEATING TECHNOLOGY
CN105064466 A	Locking mechanism mounted from above faucet mounting table facet and mounting method of locking mechanism	JIUMU KITCHEN & BATH
CN204493829U U	Cold and hot dual-use faucet structure	XU JIANHUA
CN208651740U U	Split-type faucet and an installation tool	HONG YUEJIN
KR20180002657U U	Backward preventing apparatus of the drain pipe for Faucet	SONG, YOUNG KEUN
CN203452140U U	Faucet installing structure	RUNNER
JP2003213746 A	Automatic faucet	TOTO
CN203113443U U	Floor type faucet concealed installation case	LI JIE
CA2455458 A1	System and technique for mounting a faucet	DELTA FAUCET
CN204690849U U	Faucet installing assembly	GLOBE UNION INDUSTRIAL
CN102777680 A	Purifying and heating faucet	ZHEJIANG QINYUAN WATER PURIFIER SCIENCE & TECHNOLOGY
EP2112281 A1	Pillar-like faucet	WANG HSIANG HUNG
KR200262256U Y1	Sink faucet fixing device	DAELIM TREADING
CN205518272U U	Hidden many function adjustment gondola water faucet	NIAGARA SANITATION & BATH PRODUCTS
KR20140005802U U	Fixed Bracket for Faucet	DAEYOUNG IS ANDY
JP2001026953 A	Water and hot water mixing faucet	TOTO
CN203256855U U	Concealed basin faucet installing structure	ZHEJIANG SUERDA SANITARY
JP05054672U U	Of the outdoor faucet installation structure of	INAX
CN201818843U U	Square sheep-horn faucet	LIU CHUNXIA
CN201475416U U	Novel faucet inner core body structure	RUNNER
CN207153982U U	Quick assembly disassembly gondola water faucet	XIAMEN OSHINCE TECHNOLOGY
CN208329063U U	Convenient height can be adjusted while installing a faucet water outlet	LIN FENG
CN205995655U U	Gondola water faucet , shower nozzle and three -way diverter combination meet connection structure soon	RUNNER
KR20140013820 A	Structure for installation fill-valve of a toilet bowl	WATOS COREA, ...
JP08049267 A	Water faucet mounting device	PANASONIC
CN202131975U U	Integrated abrasive-disk faucet	XIA HANZHONG
CN103292007 A	Inductive water-saving water faucet	ZHOU YUN
KR200433215U Y1	a coupling for tap coupling	NAM, JOON WOOK

Publication numbers	Title	Current assignees
CN207419607U U	Shower faucet structure	OMASA SANITARY WARE INDUSTRY
WO9105191 A1	Cartridge for a single control lever mixing faucet with connecting pipes reinforced by elastic means	MASCO
US20170211259 A1	Faucet structure	JOUGOR SANITARY TECHNOLOGIES
CN203724010U U	Rapid installation structure used for shower assembly and provided with storage box	DONG LIJUAN
CN205995659U U	Gondola water faucet and multidirectional shunt connector structure	RUNNER
US4771485 A	Air gap faucet	TRAYLOR PAUL L
CN207297928U U	Large -traffic faucet valve core	BEIJING ORIGINWATER SCIENCE & TECHNOLOGY
CN101973104 A	Method for forming an integral faucet core assembly	XIAMEN RUNNER INDUSTRIAL
KR20140023093 A	The faucet device of water purifier for washbasin	MOON, DU YOUNG, ...
CN107504242 A	Drawing-out faucet easy to assemble	ZHEN XULEI
CN208194703U U	But height -adjusting's thermostatic type bathroom gondola water faucet	NANAN HAIYING SANITARY WARE
WO200045071 A2	Faucet with one-piece manifold body	IDEAL STANDARD
KR101143869 B1	Faucet push valve	SAMJIN TEC
CN206386543U U	Enamel / ward off glass technology water faucet valve men neiya loose joint structure	ZHENG ZHIWEI
KR200229544U Y1	Faucet for mounfing sinic	DAELIM TRADING
KR200480905U Y1	Opening and shutting type hose lock nut for faucet	Dismiss
JP2003129532 A	Single-lever faucet with click mechanism	INAX
CN103735205 A	Fast installing structure of showering assembly with object placing table box	DONG LIJUAN
KR200340235U Y1	A coupling pipe of water meter	KIM, JONG BOK
GB9608296 D0	Valve assembly for a faucet handle	AMERICAN STANDARD
CN206320337U U	Obviously adorn shower faucet	HESHAN JIATAI SANITARY WARE INDUSTRIAL
WO2011146939 A1	Faucet mounting anchor	DELTA FAUCET

Family 1/100 - FAMPAT - ©Questel

Title

(EP3327207)

Installation Structure for **faucet****Images****Publication data including kind & date**

KR101642971	B1	2016-07-27	KR101642971
CA2993145	A1	2017-02-02	CA2993145
WO2017/018714	A1	2017-02-02	WO201718714
US20170321827	A1	2017-11-09	US20170321827
AU2016300026	A1	2018-03-15	AU2016300026
BR112018001063	A1	2018-04-03	BR112018001063
PE6202018	A1	2018-04-11	PE201800620
CN107923162	A	2018-04-17	CN107923162
VN57184	A	2018-04-26	VN--57184
IN201817005016	A	2018-05-11	IN201817005016
EP3327207	A1	2018-05-30	EP3327207
MX2018001035	A	2018-06-11	MX2018001035
EA201890359	A1	2018-06-29	EA201890359
PH12018500122	A1	2018-07-23	PH12018500122
JP2018521247	A	2018-08-02	JP2018521247
BR112018001063	A2	2018-09-11	BR112018001063
AU2016300026	B2	2019-04-04	AU2016300026

**Abstract**

(EP3327207)

An **installation structure** for a **faucet** is configured so that the **faucet** can be completely installed by simply inserting the **faucet** instead of tightening the **faucet**, and the **faucet** can be separated by holding and rotating the **faucet** by hand. Since

the faucet can be installed by an insertion manner in a state that an angle of the faucet is adjusted as desired, it is possible to install the faucet while an angle of the faucet is being adjusted as desired. Further, since the faucet can be separated by holding and thus inserting or rotating the faucet by hand, it is possible to install and separate the faucet without any additional tool.

Inventors

KIM YONG KYOUNG

LEE DO KYEONG

Latest standardized assignees - inventors removed

AHN CHOONG BUM

Technology domains

Civil engineering

Mechanical elements

Family 2/100 - FAMPAT - ©Questel

Title

(EP1357233)

Base member for fixing a faucet and method for fixing

Images

DE69826047	T2	2005-09-22	DE69826047				
JP2006090128	A	2006-04-06	JP2006090128				
JP2006132318	A	2006-05-25	JP2006132318				
EP1357233	B1	2006-07-05	EP1357233				
JP3824630	B2	2006-07-07	JP3824630				
JP3824629	B2	2006-07-07	JP3824629				
DE69835176	D1	2006-08-17	DE69835176				
ES2265076	T3	2007-02-01	ES2265076				
DE69835176	T2	2007-06-14	DE69835176				
DE69835176	T8	2007-09-27	DE69835176				

Abstract

(EP1357233)

A base member (380') which is to be installed at a **faucet** mounting hole is proposed. The base member (380') has a cylindrical shape and is asymmetrical with respect to the back-and-for direction. Marks (A, B) to indicate the front or rear side of the base member (380') are provided. <IMAGE>

Inventors

NAGATA MASAOKI

Latest standardized assignees - inventors removed

INAX

Technology domains

Civil engineering

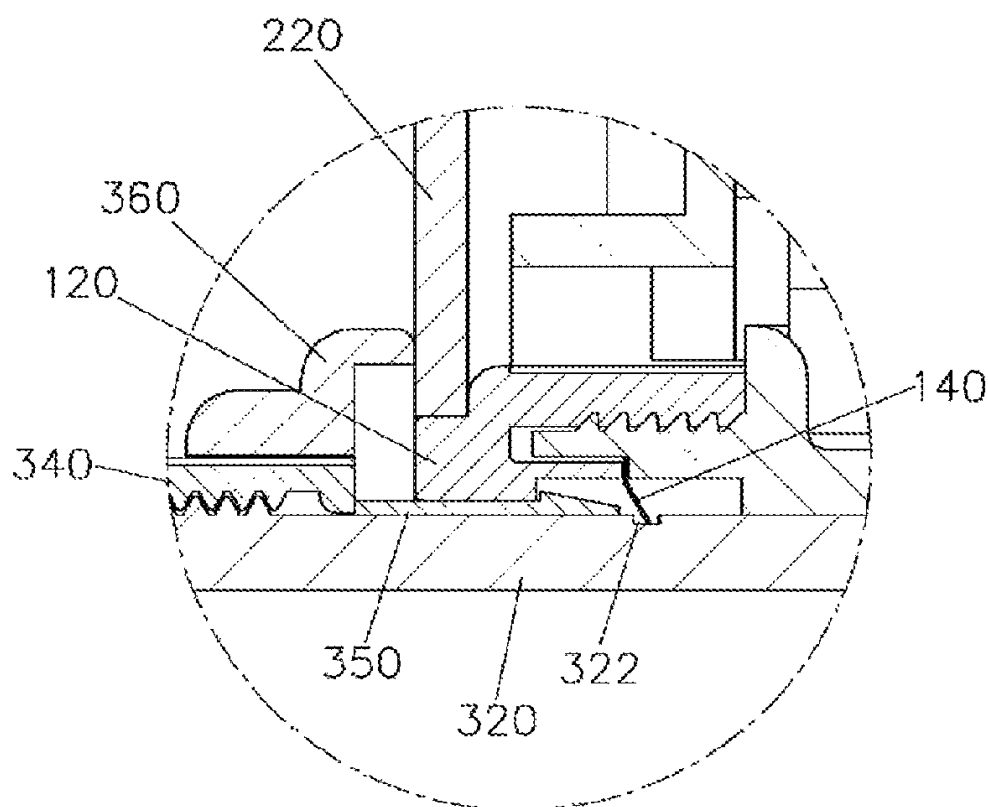
Mechanical elements

Family 3/100 - FAMPAT - ©Questel

Title

(EP3176338)

Coupling structure of easily intalled and separated **faucet****Images**



Publication data including kind & date

WO2016017881	A1	2016-02-04	WO201617881
KR20160015991	A	2016-02-15	KR20160015991
KR101645645	B1	2016-08-19	KR101645645
AU2015297346	A1	2017-03-16	AU2015297346
GB201702854	D0	2017-04-05	GB201702854
CN106605029	A	2017-04-26	CN106605029
EP3176338	A1	2017-06-07	EP3176338
IN201717006922	A	2017-07-07	IN201717006922
US20170218604	A1	2017-08-03	US20170218604
JP2017523333	A	2017-08-17	JP2017523333
GB2550012	A	2017-11-08	GB2550012
EP3176338	A4	2018-03-14	EP3176338
AU2015297346	B2	2018-04-05	AU2015297346
RU2653884	C1	2018-05-15	RU2653884
US10161117	B2	2018-12-25	US10161117



Abstract

(EP3176338)

The present invention relates to a **coupling structure** for easy **installation** and separation of a **faucet**. The **coupling structure** includes a connection body which is connected to a water supply pipe at one side and has a coupler at an opposite side. A connection pipe formed in the **faucet** is fitted to the coupler such that the **faucet** is coupled to the connection body to allow the **faucet** to be supplied with water and to discharge the water. A grab ring is formed in the coupler, and an actuation ring

is installed in the connection pipe so as to be moved forward and backward. When the actuation ring is moved forward, the actuation ring expands the grab ring to allow the connection pipe to be separated from the coupler. Easy **installation** of the **faucet** enhances convenience in construction. Easy separation of the **faucet**, when necessary, enhances convenience in maintenance.

Inventors

LEE YONG WOON

JEON JIN SU

WON JAE HEE

LEE DO KYEONG

Latest standardized assignees - inventors removed

IDIN LAB

IDIN LAB LNC

Technology domains

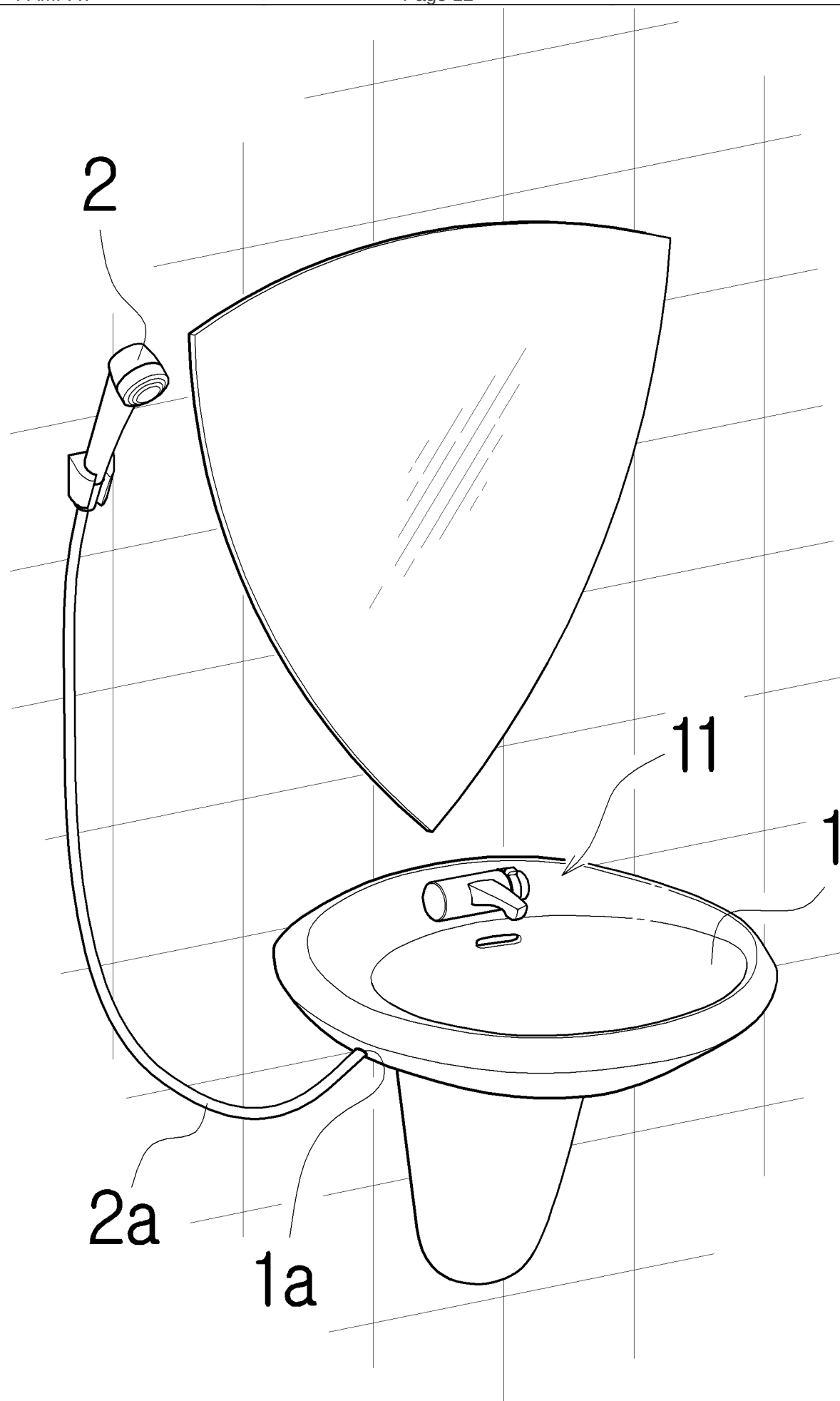
Civil engineering

Family 4/100 - FAMPAT - ©Questel

Title

(KR101188209)

A **structure** of the combination **faucet** and washbasin**Images**



KR101188209

B1 2012-10-09 KR101188209

Abstract

(KR101188209)

PURPOSE: An **installation structure** of a **faucet** and a basin for wash up and shower is provided to increase space usability and convenience in the use of a basin. CONSTITUTION: An **installation structure** of a **faucet** and a basin for wash up and shower comprises the following units. Water is selectively drained in a direction of a basin or a shower through a **faucet**. Cold/warm pipes are connected to cold/warm water connectors(11a,11b). A penetration hole(1a) is formed in one side part of the basin. A shower hose is connected to the outside of the basin and a water drain inducing unit through the penetration hole.

Inventors

KIM, JONG-KOO

Technology domains

Furniture, games

Mechanical elements

Family 5/100 - FAMPAT - ©Questel

Title

(US9051719)

Fixing **structure** of **faucet****Images**

cylindrical fence and two stopping rods, and the cylindrical fence has a longitudinal channel; the annular shoulder has an annular abutting area. A locking assembly includes two positioning screws and two clamping blocks. A **faucet** includes a fitting tube, a sheath having a groove, a peripheral fence, and a threaded orifice. A controlling valve assembly is mounted on the fitting tube. A fastening bolt is screwed with the threaded orifice so as to retain with the retaining recess, thus fixing the **faucet** on the base.

Inventors

LI CHUNHUNG

HSU WEIMIEN

LIN YIPING

WU YONGJUN

LI QIUYONG

TAN WANHONG

Latest standardized assignees - inventors removed

GLOBE UNION INDUSTRIAL

Technology domains

Civil engineering

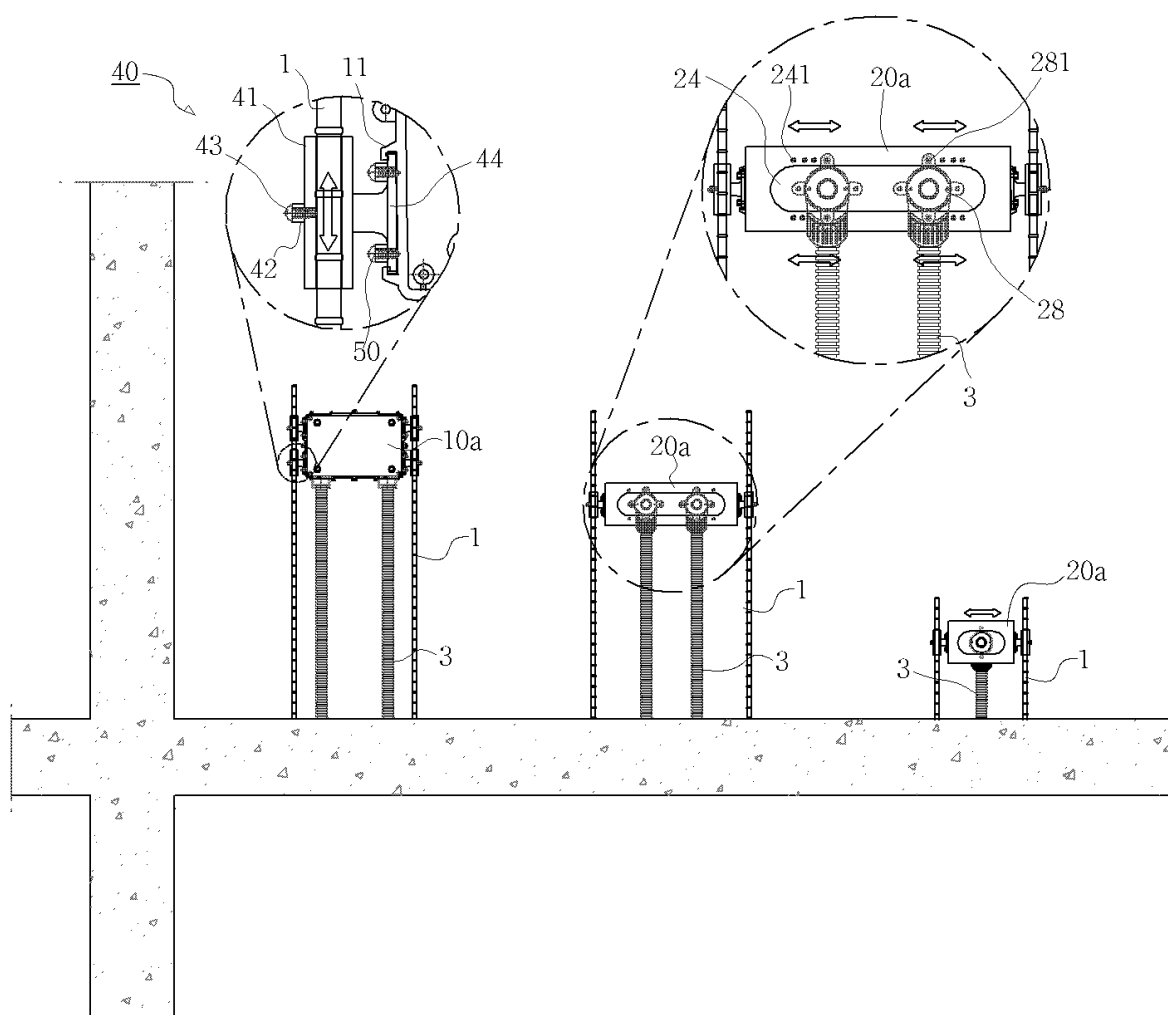
Family 6/100 - FAMPAT - ©Questel

Title

(KR101373529)

Adjustable Fixing **Structure** of Built-in Wall Water Service Box and Circular **Faucet** Supporter

Images



Publication data including kind & date

KR20140021421

A

2014-02-20

KR20140021421



KR101373529

B1 2014-03-13 KR101373529

Abstract

(KR101373529)

The present invention relates to a fixing **structure** for a double pipe wall water panel for heating water and supplying water and a circular **faucet** supporter at a distance from a floor to be adjusted in position in vertical and horizontal directions. The present invention provides an adjustable fixing **structure** for a wall water panel and a circular **faucet** supporter to reduce labor costs and work time; to improve work efficiency as an error rate is significantly reduced; and to have improved efficiency and safety.

Inventors

HWANG, HYE JA

HYUN SUNG P&M CO., LTD.

LEE, KEUN-KI

Han Chang Wan

Technology domains

Civil engineering

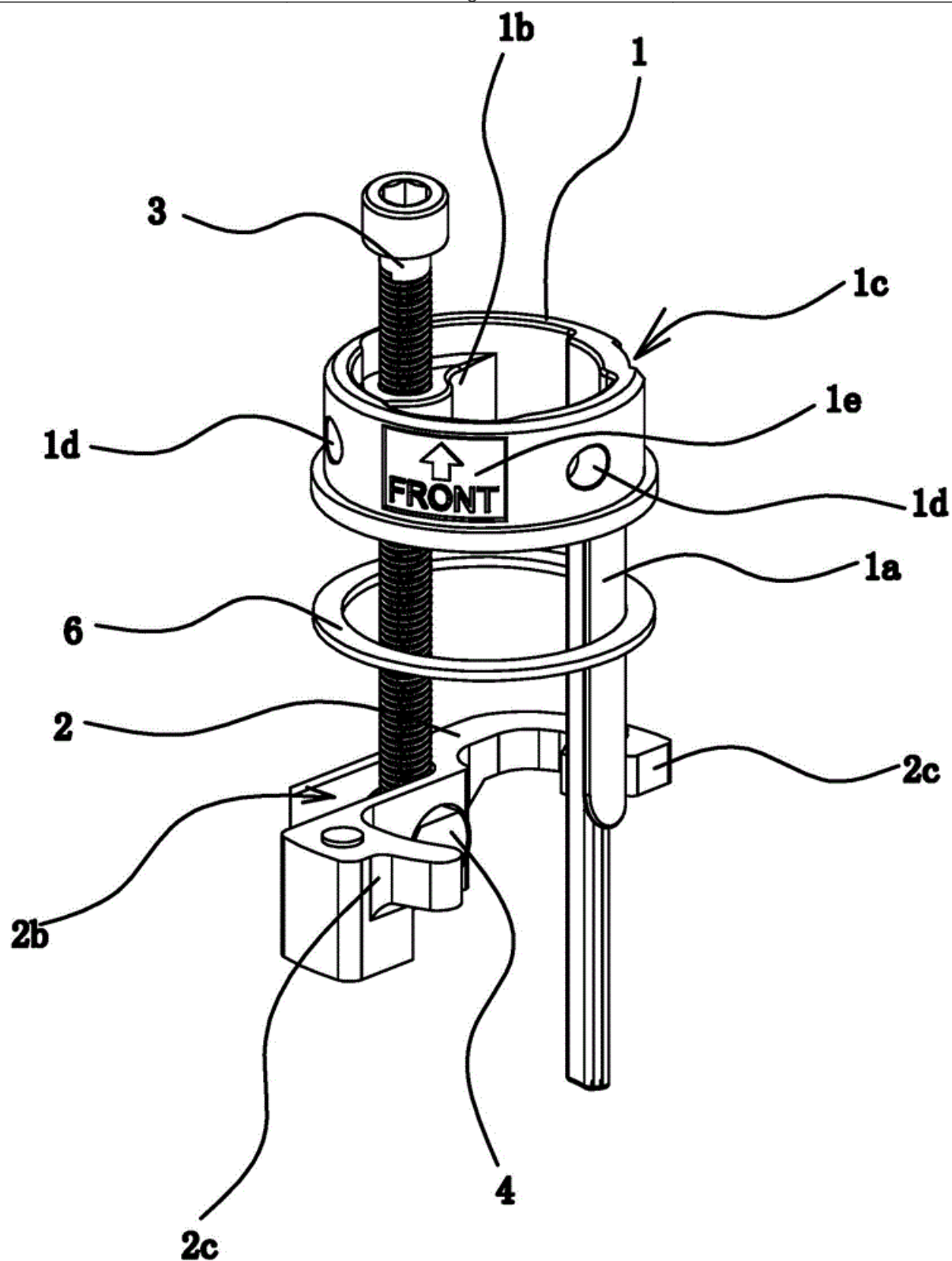
Mechanical elements

Family 7/100 - FAMPAT - ©Questel

Title

(CN105089115)

Countertop rapid mounting **structure** of **faucet****Images**



Publication data including kind & date

CN105089115	A	2015-11-25	CN105089115
CN105089115	B	2017-01-11	CN105089115B



Abstract

(CN105089115B)

The invention provides a countertop rapid mounting **structure** of a **faucet**, belonging to the technical field of machinery, for solving the problem that the existing **faucet** mounting **structure** can not guarantee the mounting speed and the mounting stability at the same time. The countertop rapid mounting **structure** comprises a cylindrical mounting body and a locking block positioned below the mounting body, wherein a lock screw is arranged on the inner side of the mounting body, the locking block is long-block-shaped, a positioning hole penetrating through the upper and lower side surfaces of the locking block is formed in the locking block, a hinge pin is arranged in the positioning hole, and is limited in the positioning hole

along the direction vertical to the positioning hole, the lower end of the lock screw extends into the positioning hole from the upper-side end opening of the positioning hole, the hinge pin sleeves the lower end of the lock screw and is in threaded connection with the lock screw, a containing groove starting from one end of the locking block till being communicated with the positioning hole is formed in the upper side surface of the locking block, and the center of gravity of the locking block is positioned on one side of the positioning hole, and on the same side with the containing groove. The countertop rapid mounting **structure** has the advantages of being rapid in mounting speed and good in mounting stability.

Inventors

LI JUN

Latest standardized assignees - inventors removed

ZHEJIANG SUERDA SANITARY

Technology domains

Civil engineering

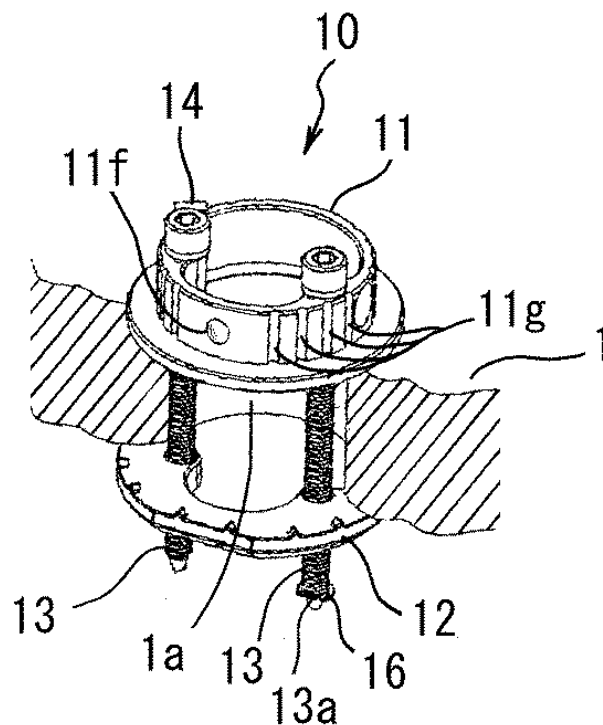
Family 8/100 - FAMPAT - ©Questel

Title

(JP2007291605)

Faucet mounting tool and **faucet** mounting method

Images



Publication data including kind & date

KR20070104225	A	2007-10-25	KR20070104225
JP2007291605	A	2007-11-08	JP2007291605
JP4203511	B2	2008-10-17	JP4203511
KR101310491	B1	2013-09-24	KR101310491



Abstract

(JP4203511)

PROBLEM TO BE SOLVED: To provide a **faucet** mounting tool which allows the operator to mount a **faucet** thereon with reference to angle indicating marks on a stand thereof during mounting work, and to provide a **faucet** mounting method.

SOLUTION: The **faucet** mounting tool determines the direction of the **faucet** by means of the flanged cylindrical stand consisting of a cylinder portion which allows a cylindrical lower end of the **faucet** to be fitted therein, and a flange-like seat

formed on an end of the cylinder portion. Herein the linear or dot-like angle indicating marks are carved in an outer peripheral surface of the cylinder portion of the stand or in an outer peripheral surface of the flange, or alternatively the linear or dot-like angle indicating marks are carved in an end face of the cylinder portion of the stand or in an end face of the flange, facing to the cylinder portion. Thus when the **faucet** facing a cock to the operator who works at the center on a front side of a sink, is fixed, by rotating the stand about an axis, based on the carved angle indicating marks for indicating angles, the direction of the stand is determined, and thereafter a top board is pinched by the stand and a fixture.

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Inventors

TAKAGI TOSHIO

Maeda Mikiro

Latest standardized assignees - inventors removed

TAKAGI

Technology domains

Civil engineering

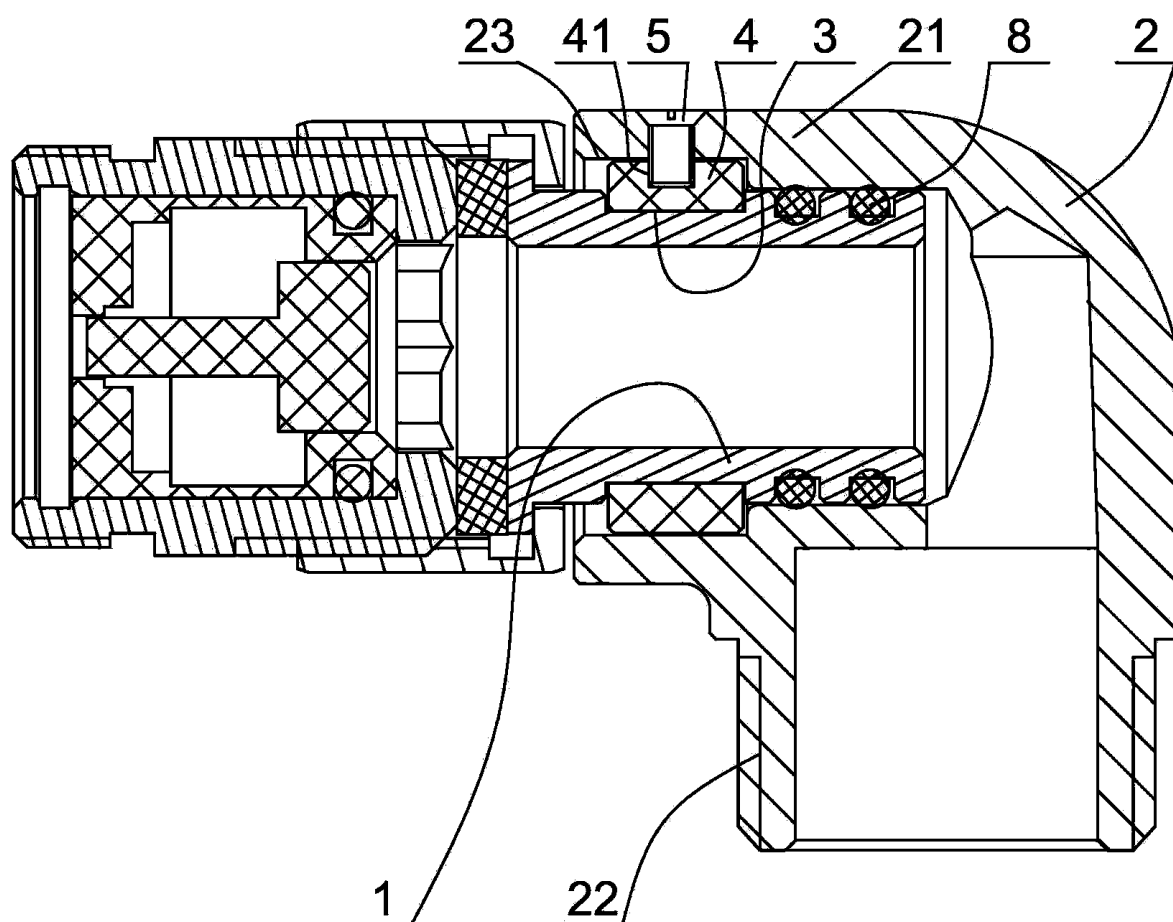
Family 9/100 - FAMPAT - ©Questel

Title

(CN102913703B)

Connection **structure** between shower head and shower **faucet**

Images



Publication data including kind & date

CN102913703	A	2013-02-06	CN102913703
CN102913703	B	2014-09-10	CN102913703B



Abstract

(CN102913703B)

The invention discloses a connection **structure** between a shower head and a shower **faucet**. The connection **structure**

comprises a tubular water outlet connector transversely arranged on the shower head. The connection **structure** further comprises a 90-degrees corner joint, wherein one end of the 90 degrees corner joint is sleeved on the water outlet connector, the other end is an outer tooth joint; a sealing **structure** is arranged between the 90 degrees corner joint and the water outlet connector; an annular neck is arranged on an outside lateral wall of the water outlet connector, a frictional ring is arranged in the annular neck; a fastening **structure** is arranged between the 90-degrees corner joint and the frictional ring; the fastening **structure** comprises a positioning blind hole arranged in an outside lateral face of the frictional ring, and a fastening screw arranged on the outside lateral wall of the 90-degrees corner joint and corresponding to the positioning blind hole on the frictional ring; one inward end of the fastening screw is plugged into the positioning blind hole. By adopting the connection **structure**, bending of a hose of the shower head can be avoided; and service life of the connection **structure** is beneficially prolonged. Furthermore, the connection **structure** is simple in **structure**, good in sealing effect and high in connection strength.

Inventors

SHI QINGHAI

Latest standardized assignees - inventors removed

MAIN PLAN BATHROOM COLLECTIONS

Technology domains

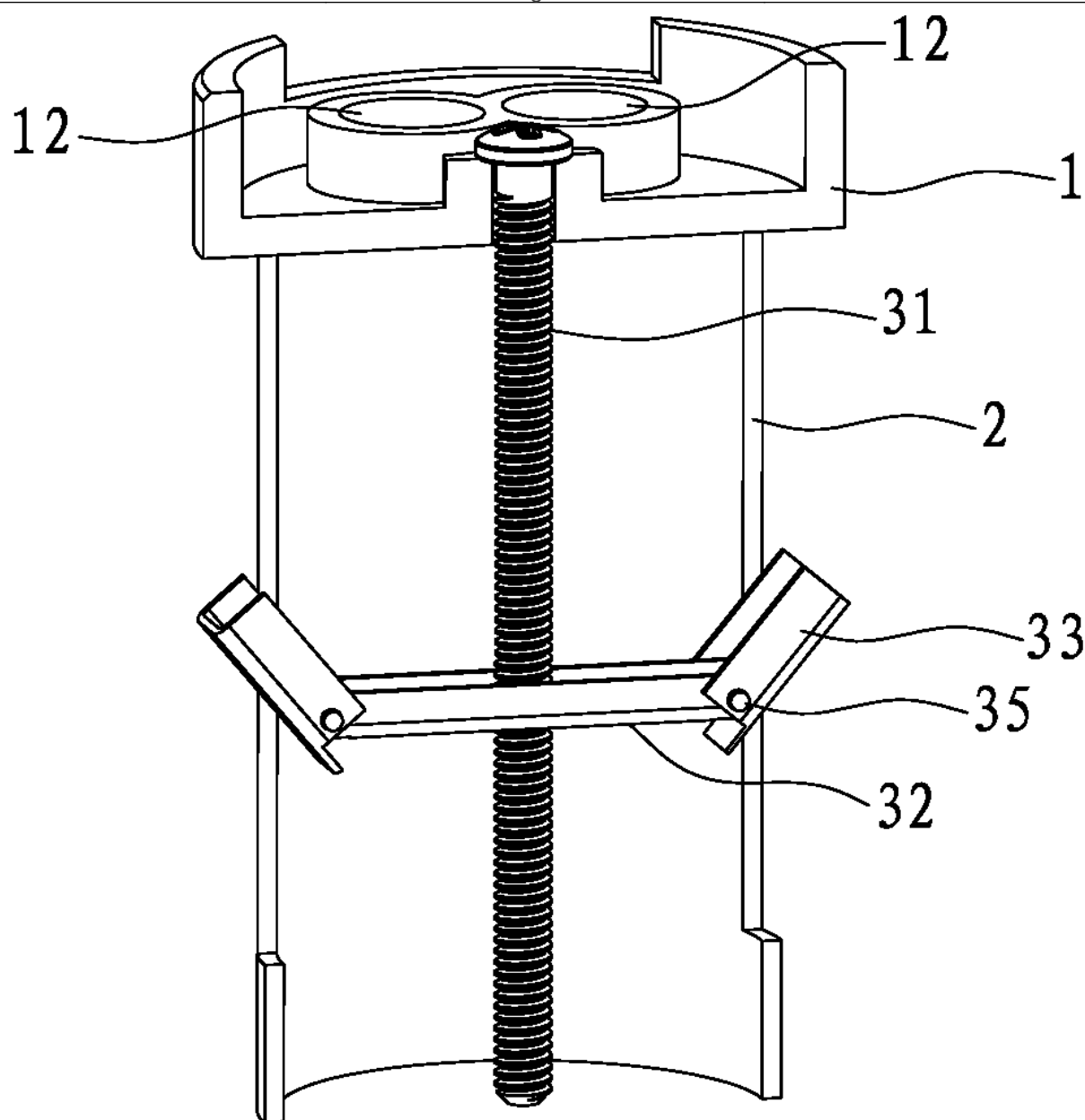
Mechanical elements

Family 10/100 - FAMPAT - ©Questel

Title

(CN202787400U)

Fast mounting **structure** of **faucet****Images**



Publication data including kind & date

CN202787400

U

2013-03-13

CN202787400U



Abstract

(CN202787400U)

The utility model discloses a fast mounting **structure** of a **faucet**. The fast mounting **structure** comprises a seat body, a sleeve and a locking mechanism, wherein the seat body is located above a table surface and can be connected with a **faucet** body, a screw hole is formed in the seat body, and pipeline holes capable of being penetrated by pipelines are formed in the seat body; the sleeve is fixed at the lower end of the seat body and penetrates through a mounting hole of the table surface, and a guide groove stretching up and down is formed in the sleeve; the locking mechanism comprises a locking bolt, a locking block, two positioning blocks and two elastic assemblies, the two positioning blocks are located at two ends of the locking block, the two elastic assemblies drive the two positioning blocks to move outwards, the locking bolt is in threaded connection with the locking block through the bolt hole of the seat body, and the two positioning blocks are located in the guiding groove and limited by the groove wall of the guiding groove when the elastic assemblies are located in natural stretching states. Compared with the prior art, according to the fast mounting **structure** of the **faucet**, the mounting of the **faucet** can be finished only on the table surface, so that the fast mounting **structure** of the **faucet** has the effects of convenience in mounting and simplicity in operation.

Inventors

XU CANXIANG

JIA WEIJIE

Latest standardized assignees - inventors removed

RUNNER

Technology domains

Civil engineering

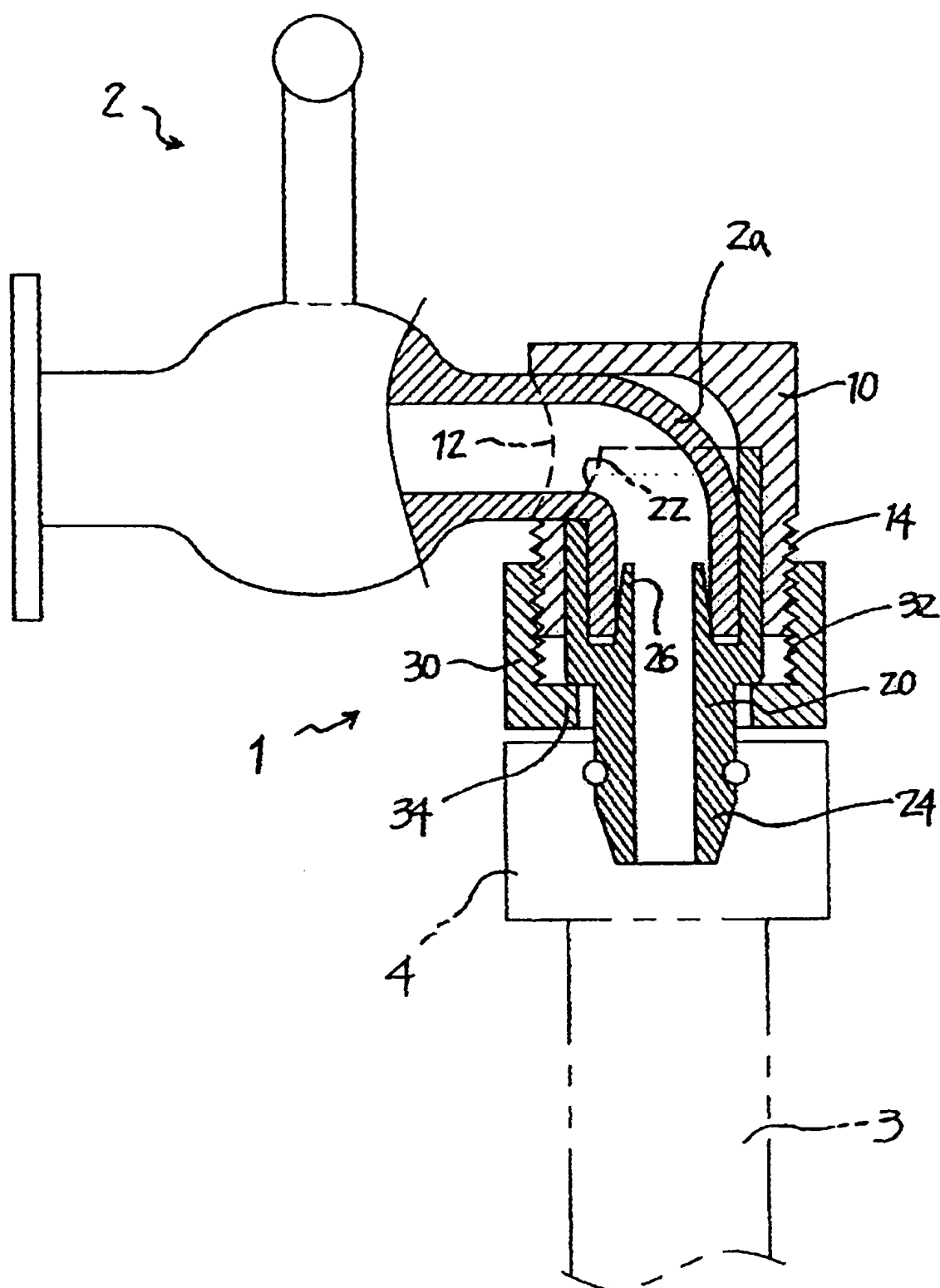
Family 11/100 - FAMPAT - ©Questel

Title

(WO200552430)

Coupling for faucet

Images



Publication data including kind & date

KR200342609	Y1	2004-02-21	KR200342609U
WO2005052430	A1	2005-06-09	WO200552430
US20060214424	A1	2006-09-28	US20060214424
CN1886614	A	2006-12-27	CN1886614
JP2007528458	A	2007-10-11	JP2007528458

**Abstract**

(WO200552430)

Disclosed is a **coupling** for a **faucet** capable of keeping watertight even when high hydraulic pressure is generated at a connection between a **faucet** and a tube. The **coupling faucet** includes a male coupler (10) installed to an outer periphery of a discharge pipe of a **faucet**, and having a closed cylindrical upper portion, an opened cylindrical bottom, and an opening (12) formed at a side wall for receiving the discharge pipe of the **faucet**; a connector (20) interposed between the discharge pipe and the male coupler, and having an opened cylindrical upper portion, a slot (22) formed at an upper portion thereof corresponding to the opening (12) of the male coupler (10) for receiving the discharge pipe, and a fitting portion (24) formed at a lower portion of the connector to be coupled to a tube; and a cylindrical female coupler (30) provided on an inner periphery thereof with a threaded portion (32) which is engaged to a threaded portion (14) of the male coupler (10), and having a circular rim (34) formed at a lower inside.

Inventors

NAM JOON-WOOK

Technology domains

Civil engineering

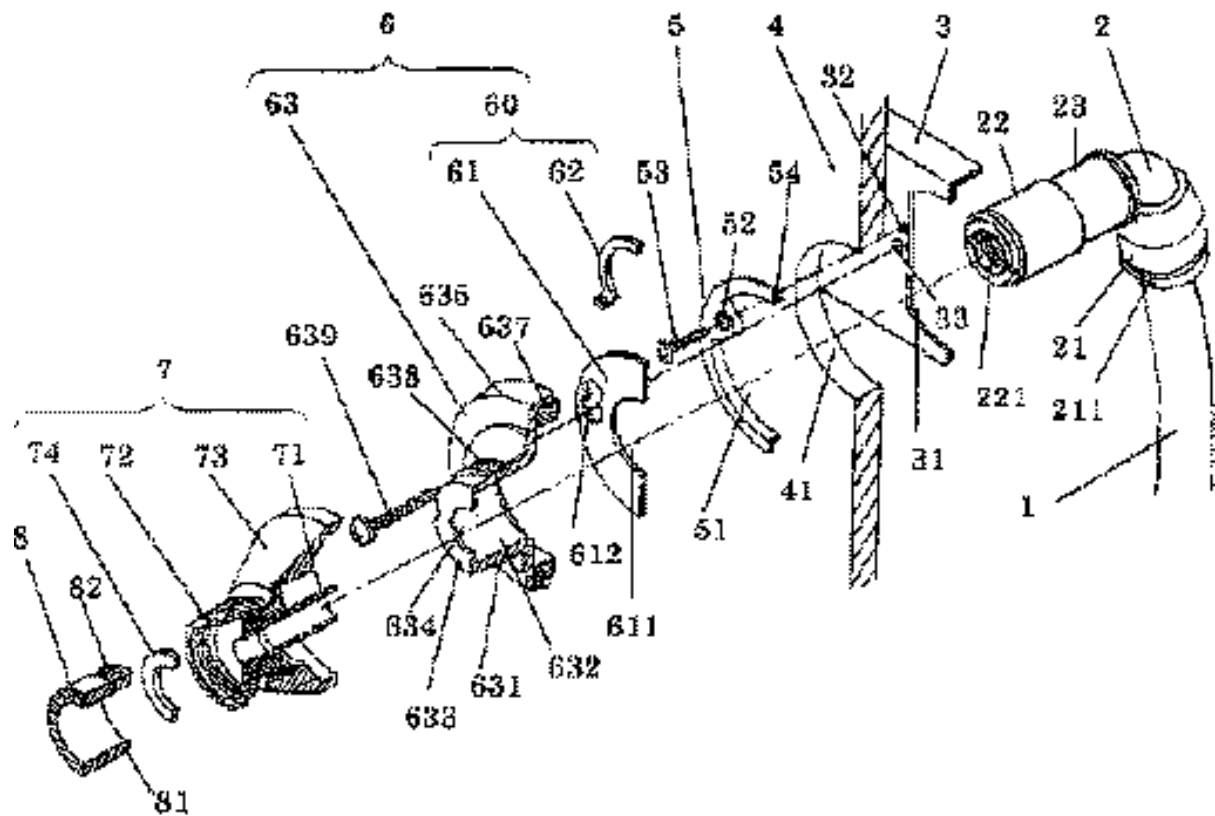
Mechanical elements

Family 12/100 - FAMPAT - ©Questel

Title

(JP2001132027)

Mounting **structure** of mixing **faucet****Images**



Publication data including kind & date

JP2001132027

A

2001-05-15

JP2001132027



Abstract

(JP2001132027)

PROBLEM TO BE SOLVED: To provide the mounting **structure** of a mixing **faucet**, which is manufactured, executed and inspected easily and has superior design and cleaning properties and from which the possibility of a leakage of water is reduced, at a low cost in the mounting **structure** of the mixing **faucet** with a through- joint, which penetrates into a wall opening bored to a wall body and in which the joint inlet side is connected to a flexible resin piping laid on the wall-body rear side, and the joint outlet side is connected to the mixing **faucet** installed and fixed on the wall-body surface side.

SOLUTION: A joint holding member, mounted and fixed onto a wall body from the wall-body surface side under the state in

which the joint outlet side, is held is installed, and a **faucet** body is set up and fixed to the joint holding member via a **faucet** connecting member with a **faucet** connecting pipe for connecting the joint outlet side and the **faucet**-body inlet side of the mixing **faucet**.

Inventors

INATOMI SHIGEKI

SENOO SHUNROKU

Latest standardized assignees - inventors removed

TOTO

Technology domains

Civil engineering

Mechanical elements

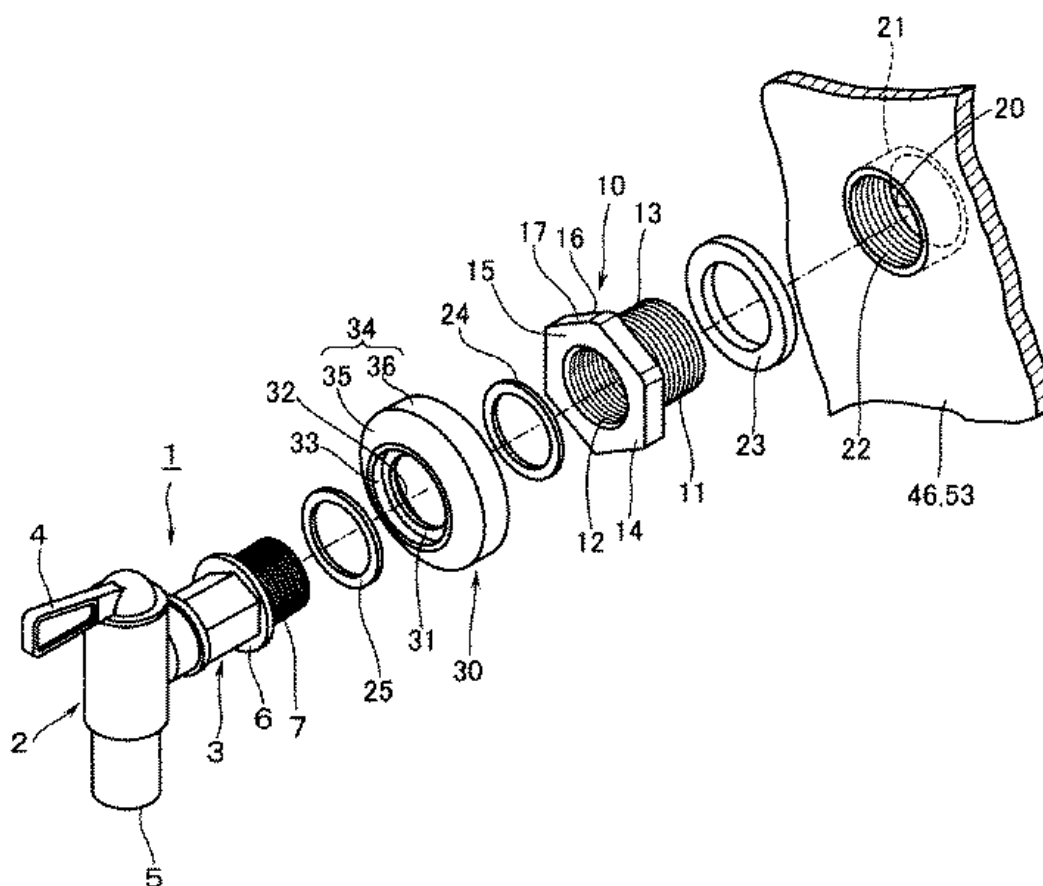
Family 13/100 - FAMPAT - ©Questel

Title

(JP2011026897)

Water cut-off **structure** of **faucet**

Images



Publication data including kind & date

JP2011026897	A	2011-02-10	JP2011026897
JP5231354	B2	2013-03-29	JP5231354



Abstract

(JP5231354)

PROBLEM TO BE SOLVED: To provide a water cut-off **structure** of a **faucet** which enables the easy **installation** and removal of the **faucet**, easily suppresses the extrusion of a packing to the outside due to the **installation** to secure sufficient watertightness, and sufficiently suppresses the deterioration of the packing over time to suppress the lowering of the

watertightness.

SOLUTION: A washer 30 includes a ring-shaped washer body 31, a first guide piece 32 projecting from the outer peripheral edge of the washer body 31 to a first packing 24 side, a second guide piece 33 projecting from the outer peripheral edge of the washer body 31 to a packing 25 side, and a cover part 34 which extends from the outer peripheral surface of the first guide piece 32 or the second guide piece 33 outward and which covers the tightening part 14 of a screwed type pipe joint 10. When the male screw 7 of the connection joint 3 of the faucet 1 is screwed to the female screw 12 of the connection part 11 of the screwed type pipe joint 10, the side peripheral end of the first guide piece 32 is brought into contact with the tightening part 14, and the first packing 24 is compressed in the first area surrounded by the first guide piece 32, the washer body 31, and the tightening part 14 to provide a required watertightness.

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Inventors

Saitou Satoshi

TANAKA KUNIAKI

Latest standardized assignees - inventors removed

PANASONIC

Technology domains

Civil engineering

Mechanical elements

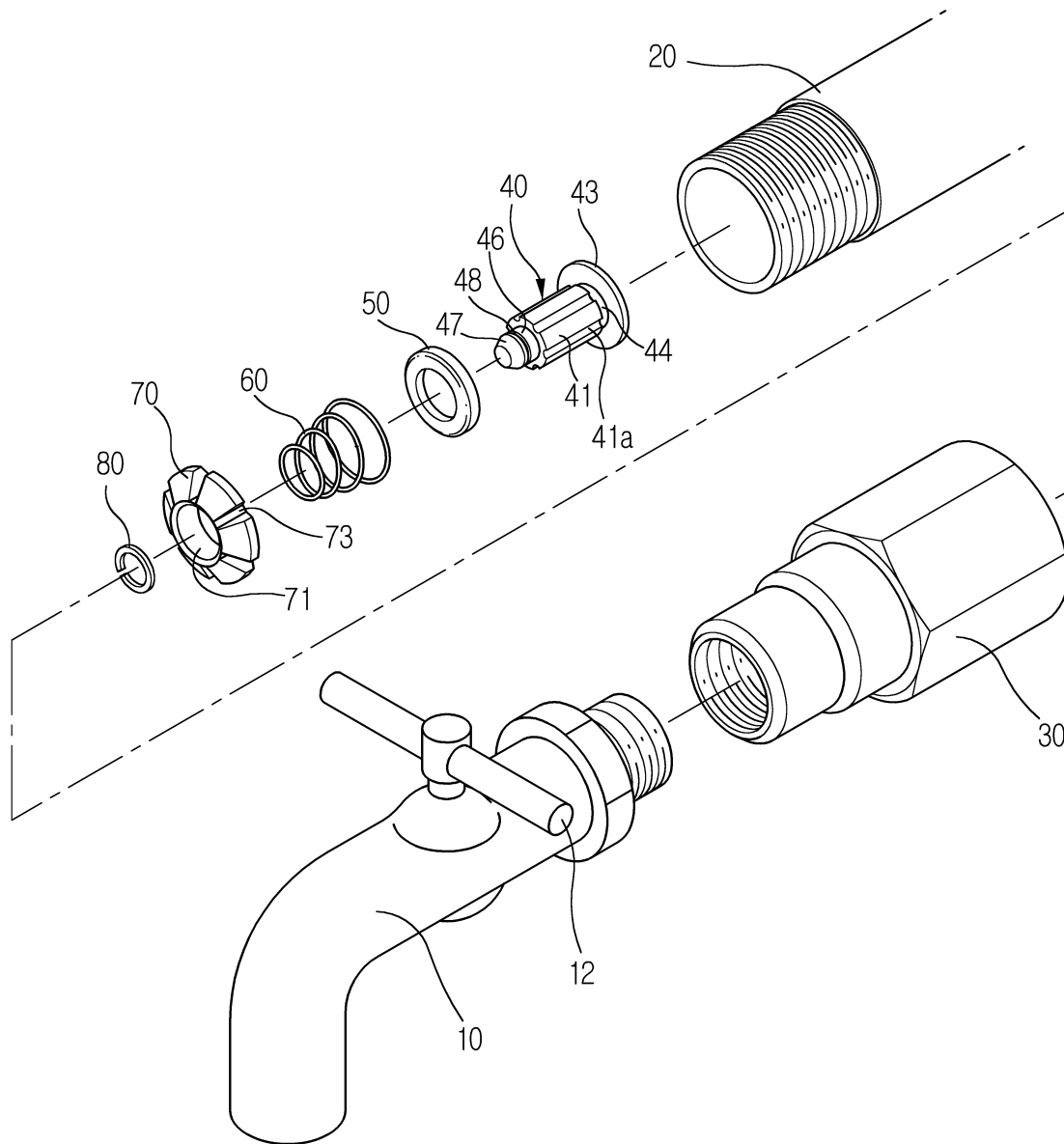
Family 14/100 - FAMPAT - ©Questel

Title

(KR100570344)

Structure for connecting a tap and a pipe

Images



Publication data including kind & date

KR20050008030	A	2005-01-21	KR20050008030
KR100570344	B1	2006-04-13	KR100570344



Abstract

(KR100570344)

PURPOSE: A **structure** for connecting a water **faucet** and a pipe is provided to replace the **faucet** conveniently and quickly by shutting off water with a shutoff unit in the coupler, and by directly separating the **faucet** from the coupler without locking the water gauge. **CONSTITUTION:** A **structure** for connecting a **faucet**(10) to a pipe(20) is composed of a coupler(30) having a pipe assembling part combined with the pipe, a **faucet** assembling part combined with the **faucet** and a parathion wall including an assembling hole, an operating unit(40) having an assembling part(41) including longitudinal moving grooves(41a), a fitting end(43), a packing groove(44), an assembling end(46), a snap ring groove(48) and a supporting end(47), a leak restricting packing(50) installed in the packing groove to prevent leak of fluid, an elastic member(60) mounted in the outer periphery of the assembling part, an assembling unit(70) having an insertion hole(71) combined with the assembling end of the operating unit and plural fluid discharge grooves(73), and a snap ring(80) mounted in the snap ring groove to restrict displacement of the assembling unit and the elastic member.

Inventors

OH, SEUNG GUN

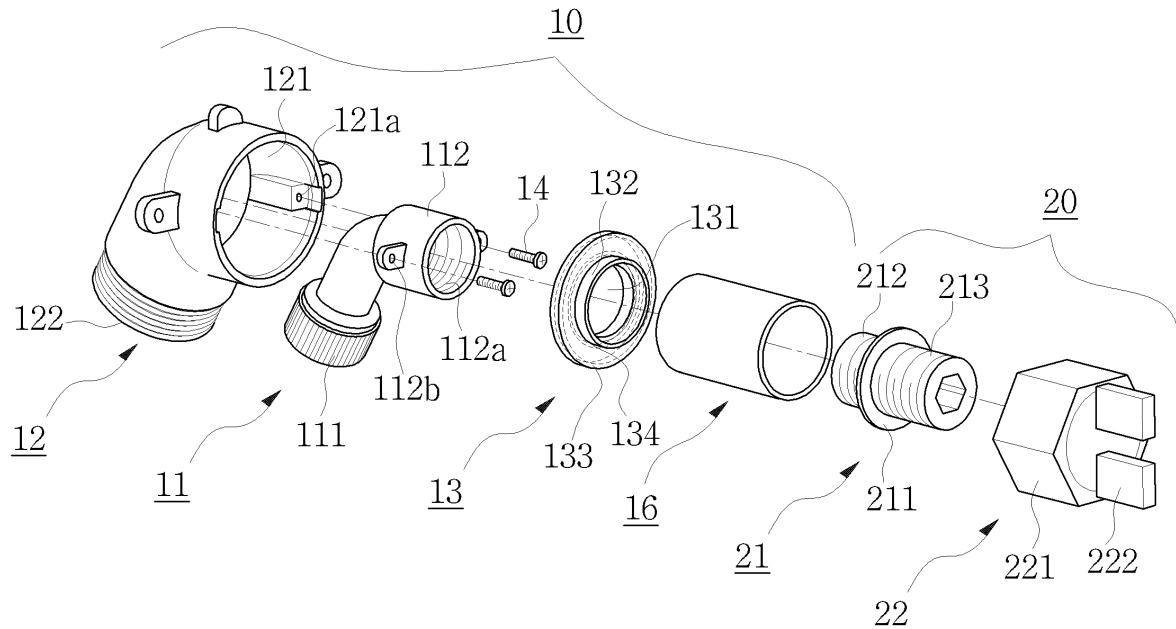
Technology domains

Civil engineering

Family 15/100 - FAMPAT - ©Questel

Title

(KR100788190)

Structure of elbow for water supply pipe and water pressure/fixing plug and **faucet** constructing method thereby**Images****Publication data including kind & date**

KR100788190

B1 2007-12-26 KR100788190

**Abstract**

(KR100788190)

A **structure** of an elbow for a water supply pipe and a water pressure/fixing plug and a **faucet installation** method using the same are provided to fix location easily by fixing an elbow for a water supply pipe to a form at the construction of a concrete retaining wall and to cut off water pressure and to prevent the inflow of impurities to an elbow before a **faucet** is installed after the retaining wall construction. An elbow (10) a water supply pipe comprises an elbow main body (11) composed of a flexible pipe socket (111) coupled with a flexible pipe and a head (112) provided with a **faucet** fastening hole (112a) coupled with a **faucet** and a socket screw hole (112b), a case (12) provided with a primary opening (121) to insert the elbow main body to be fixed to a case screw hole (121a) by fixtures (14) and a secondary opening (122) coupled with a CD pipe socket, a stopper (13) provided with a third opening (131) formed to make the head of the elbow main body exposed, a ring-shaped primary projection (132) projected forward along the edge of the third opening, a ring-shaped secondary projection (133) inserted closely to the inside of the primary opening and a ring-shaped third projection (134) adhered closely to the outer circumference of the head, and a pipe protection pipe (16) coupled closely to the outer circumference of the primary projection of the stopper of the elbow and formed to be projected higher than a waterproof coating and a tile layer. A water pressure/fixing plug comprises a water pressure/fixing plug main body (21) provided with a flange (211) and a primary screw groove (212) coupled to the socket screw hole of the head, and a fixture (22) coupled to the water pressure/fixing plug main body and provided with a hexagonal part (221) for connection with a wrench and a handle (222) to rotate with hands.

Inventors

C.Y.C LTD

HYUN SUNG P&M CO., LTD.

Latest standardized assignees - inventors removed

C & C

HYUN SUNG P & M

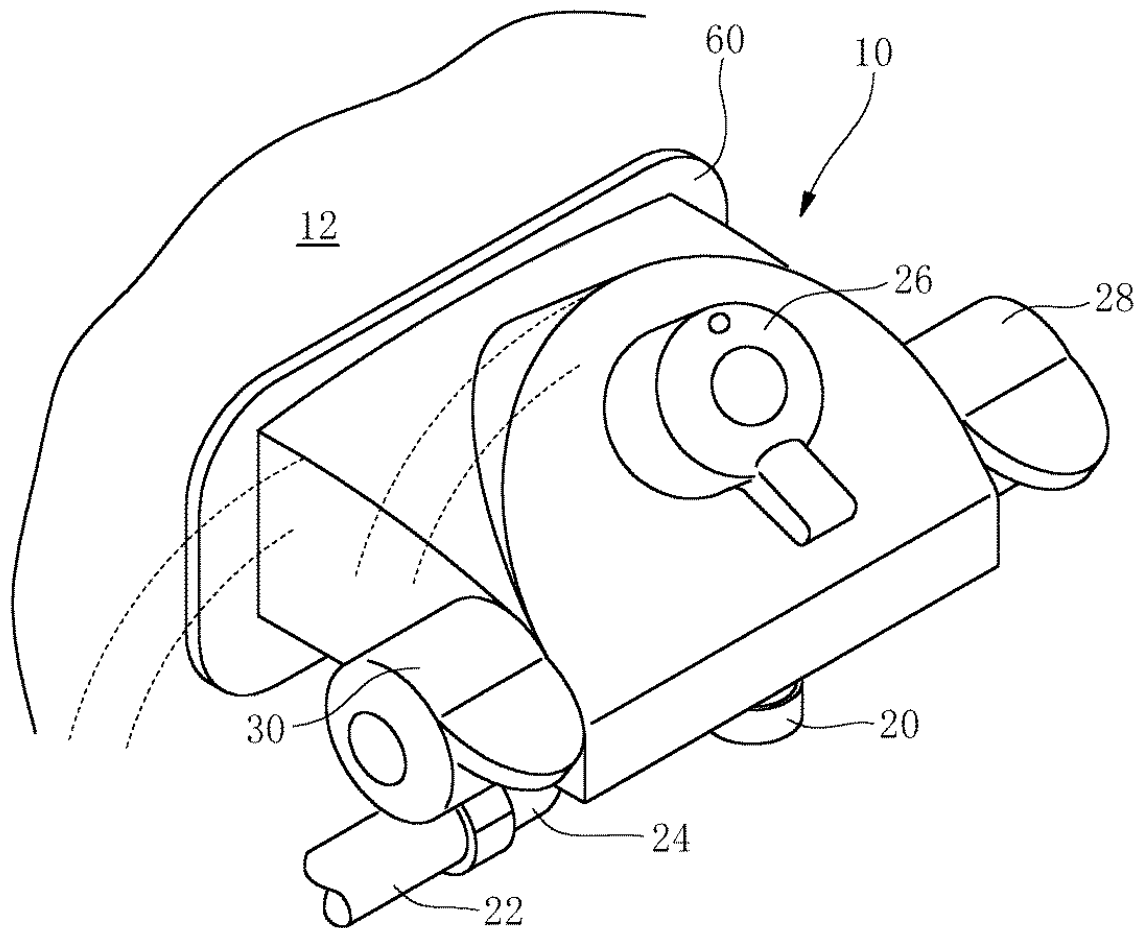
Technology domains

Civil engineering

Family 16/100 - FAMPAT - ©Questel

Title

(JP2000120117)

Installation structure of faucet**Images****Publication data including kind & date**

JP2000120117	A	2000-04-25	JP2000120117
JP3887111	B2	2006-12-01	JP3887111

**Abstract**

(JP3887111)

PROBLEM TO BE SOLVED: To carry out a **faucet installation** work including a connection work with a **faucet** inexpensively with excellent executing ability in the case of using a flexible pipe as **faucet** piping. SOLUTION: The attaching base body 12 of a **faucet** is provided with a **faucet** attaching through hole 34. After a **faucet** attaching device 32 having an attaching plate 36 which is located on the surface of the base body 12 and can fix a **faucet** body; a holder 38 which is located on the back of the base body 12 and sandwiches the base body 12 with the plate 36; and bolts 42 which mutually connect the plate 36 and the holder 38 and sandwichingly fasten the base body 12 is attached to the base body 12, the **faucet** is attached to the base body 12 through the **faucet** attaching device 32. In this case, the holder 38 is previously provided with a piping fixing part 82 for holding and fixing the **faucet** piping formed of a flexible pipe.

Inventors

NAGATA MASAOKI

ARAKI OSAMU

Latest standardized assignees - inventors removed

INAX

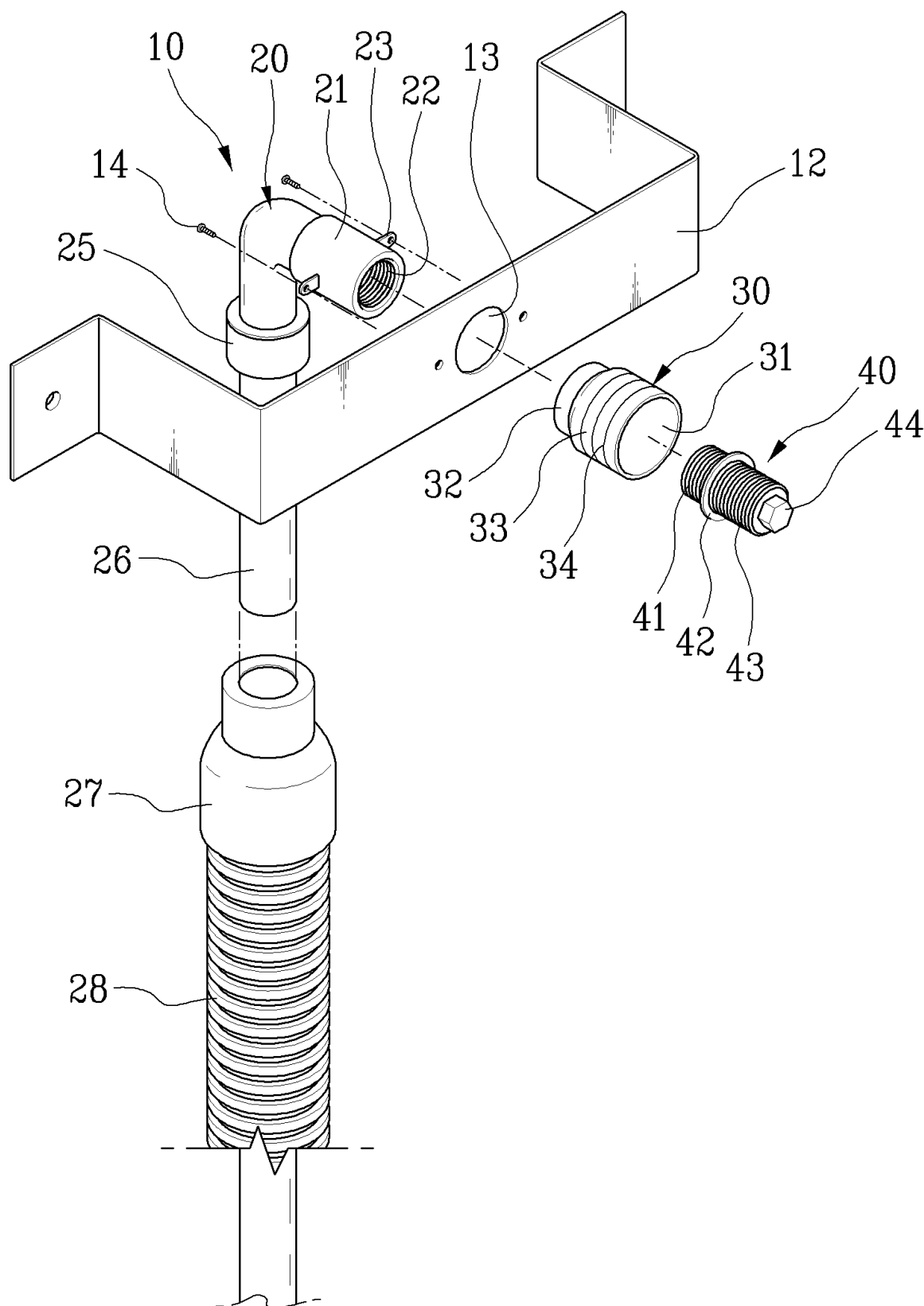
Technology domains

Civil engineering

Family 17/100 - FAMPAT - ©Questel

Title

(KR100992051)

Structure of elbow for water supply pipe and water pressure/fixing plug and **faucet** constructing method thereby**Images**

[KR20090098345](#)

A 2009-09-17 KR20090098345

[KR100992051](#)

B1 2010-11-18 KR100992051

**Abstract**

(KR100992051)

A **structure** of a water pressure/fixing plug and a finish protection member is provided, which makes **installation** work facilitated. A **structure** of a water pressure/fixing plug and a finish protection member is constituted as follows. A finish protection member(30) in which a fitting piece(32) and a pipeline protection pipe(33) are formed into one body is inserted into and coupled with the circumference of the head unit(21) formed at one side of the elbow main body(20). A water pressure/fixing plug(40) in which a square shaped bolt portion(44) is protruded is combined with a **faucet** joint(22) formed at the inner side of the head unit.

Inventors

HYUN SUNG P&M CO., LTD.

LEE, KEUN-KI

Latest standardized assignees - inventors removed

HYUN SUNG P & M

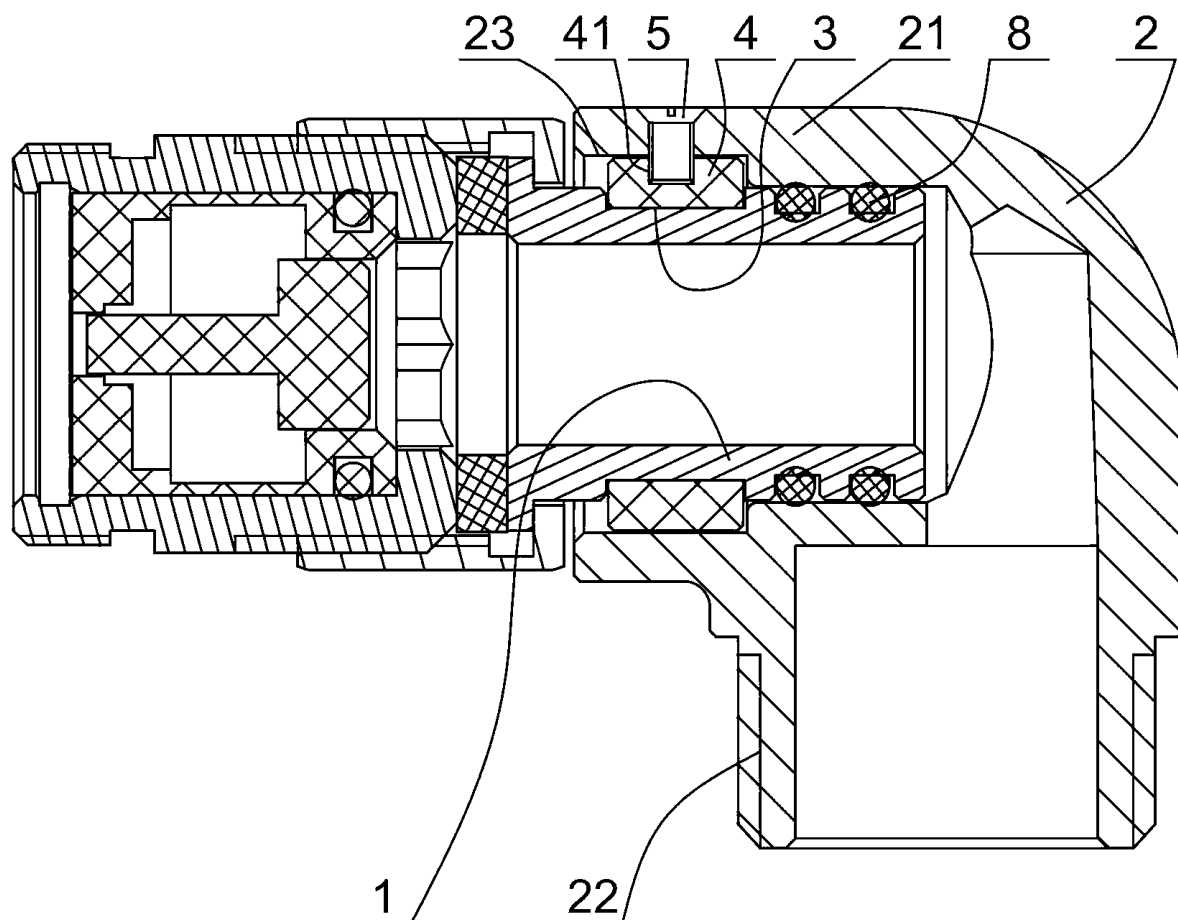
Technology domains

Civil engineering

Family 18/100 - FAMPAT - ©Questel

Title

(CN202834505U)

Connection **structure** of shower head and shower **faucet****Images****Publication data including kind & date**[CN202834505](#)

U 2013-03-27 CN202834505U

**Abstract**

(CN202834505U)

The utility model discloses a connection **structure** of a shower head and a shower **faucet**. The connection **structure** of the shower head and the shower **faucet** comprises a tubular water outlet connector which is horizontally arranged on the shower **faucet**, and further comprises an elbow connector of 90 degrees. One end of the elbow connector is sleeved on the water outlet connector, and the other end of the elbow connector is an outer tooth connector. A sealing **structure** is arranged between the elbow connector of 90 degrees and the water outlet connector. The outer side wall of the water outlet connector is provided with an annular clamping groove, and the inside of the annular clamping groove is provided with a friction ring. A fastening **structure** is arranged between the elbow connector of 90 degrees and the friction ring. The fastening **structure** comprises a positioning blind hole which is arranged in the outer side face of the friction ring and a fastening screw which is arranged on the outer side wall of the elbow connector of 90 degrees and corresponds to the position of the positioning blind hole on the friction ring, and one inward end of the fastening screw is inserted into the positioning blind hole. The connection **structure** of the shower head and the shower **faucet** is capable of avoiding the fact that a shower head flexible pipe is bent, being beneficial to prolonging service life, and being simple in **structure**, good in sealing effect and high in connection strength.

Inventors

SHI QINGHAI

Latest standardized assignees - inventors removed

MAIN PLAN BATHROOM COLLECTIONS

Technology domains

Mechanical elements

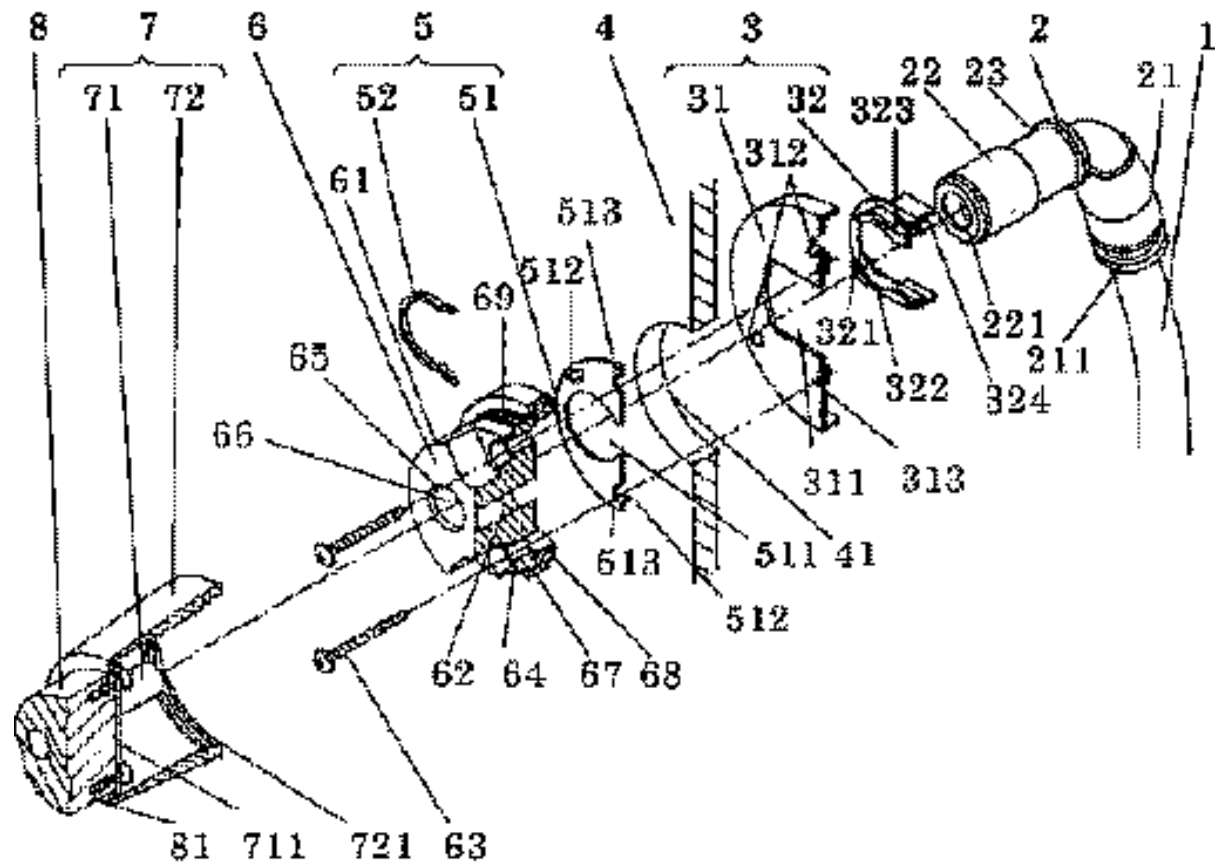
Family 19/100 - FAMPAT - ©Questel

Title

(JP2001173043)

Installation structure of mixing **faucet**

Images



Publication data including kind & date

JP2001173043

A

2001-06-26

JP2001173043



Abstract

(JP2001173043)

PROBLEM TO BE SOLVED: To provide an **installation** and connection **structure** of a mixing **faucet** easy in production and **installation**, small in possibility of water leakage, excellent in design, and low in cost and having a circular wall opening provided in a wall body, front and rear wall members installed on both sides of the wall opening in the wall body, a through-joint passing through the wall opening, a mixing **faucet** main body coupled to the generally cylindrical joint outlet side of the through-joint. **SOLUTION:** A water side through-joint is formed separately from a hot water side through-joint, and a joint outlet side is held at least on one of front and rear wall members. The diameter of a wall opening is increased slightly larger

than the total dimension of the diameters of a pair of joints on the outlet side, and the front wall member is connected to the rear wall member through a connection member having a joint outlet side inserted through a portion other than an area occupied by the joint outlet side in the wall opening.

Inventors

INATOMI SHIGEKI

SENOO SHUNROKU

KONDO TOMIO

Latest standardized assignees - inventors removed

TOTO

Technology domains

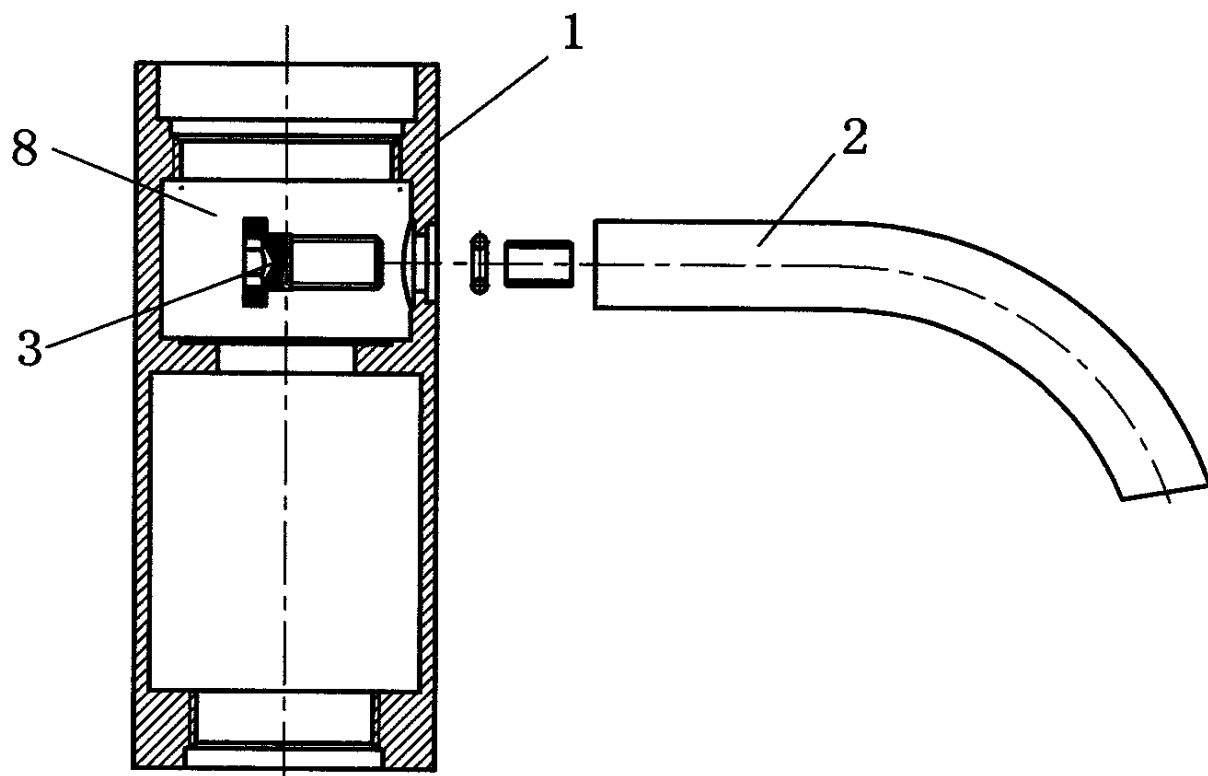
Civil engineering

Mechanical elements

Family 20/100 - FAMPAT - ©Questel

Title

(CN103453194)

Connection **structure** of square vertical column water **faucet****Images****Publication data including kind & date**[CN103453194](#)

A 2013-12-18 CN103453194

**Abstract**

(CN103453194)

The invention relates to a connection **structure** of a square vertical column water **faucet**. The connection **structure** comprises a body and a water outlet pipe, wherein three holes connected with the water outlet pipe are formed in the body of the water **faucet** side by side, locating water outlet sleeve connection holes and a screw hole positioned in the middle are formed in one end of the water outlet pipe connected with the water **faucet** body and corresponding to the positions of the connection holes of the body, two locating water outlet sleeves are inserted into the locating water outlet sleeve connection holes, a screw penetrates through the hole of the body to be in threaded connection with a water outlet pipe screw hole, and sealing is performed between the body and the water outlet pipe. According to the connection **structure**, connectors and the connection holes are in inserting connection sealing, welding is not required, **installation** is simple and convenient,

efficiency is high, no welding mark exists, and an outer pipe is attractive in appearance. Locating pins are arranged at the connection positions, so that the connection positions are regular, firm, durable and not likely to deform.

Inventors

LIN JIECHAO

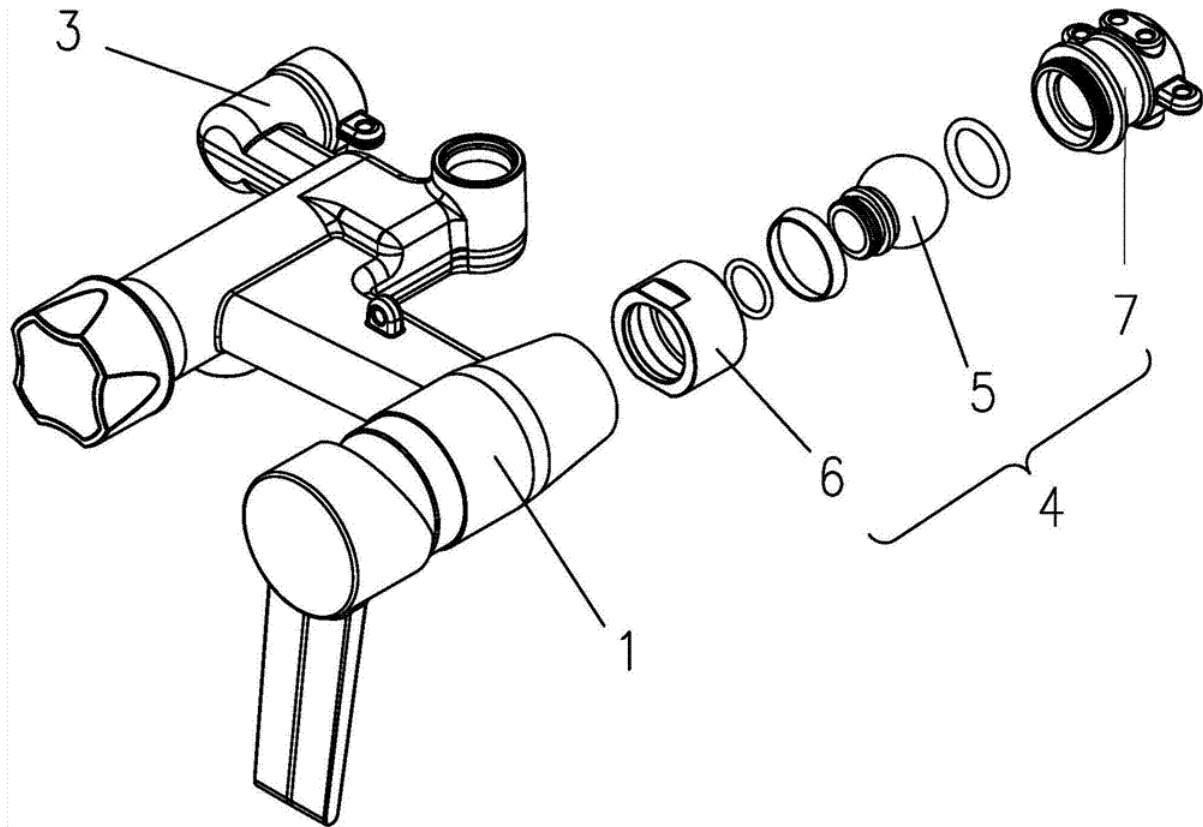
Technology domains

Mechanical elements

Family 21/100 - FAMPAT - ©Questel

Title

(CN207454870U)

Mounting **structure** with adjustable **faucet** valve body**Images****Publication data including kind & date**[CN207454870](#)

U

2018-06-05

CN207454870U

**Abstract**

(CN207454870U)

The utility model discloses a mounting **structure** with adjustable **faucet** valve body, including the **faucet** valve body, the **faucet** valve body cooperates two water supply connectors being connected including the body and with two water connectors, and two water supply connectors are fixed water supply connector and the water supply connector of the formula of regulation respectively, the water supplyconnector of regulation formula include the bulb pipe fixed with body **installation**, activity suit on bulb pipe ball head end movable nut and with movable nut fixed connection's regulation terminal, adjust the axis eccentric settings that the terminal was equipped with connecting portion and the shaft hole of suit on water connectors of being connected with movable nut, the relative connecting portion of axis in shaft hole, the utility model discloses the elder generation installs fixed water supply connector and fixes with water connectors when installing, the adjustability realization of rethread regulation formula water supply connector and another water connectors's erection joint, and the perfection that assurance **faucet** valve personally experienced sth. Part of the body is installed,the crooked or even unable problem of installing of valve body can not appear.

Inventors

XU WENYI

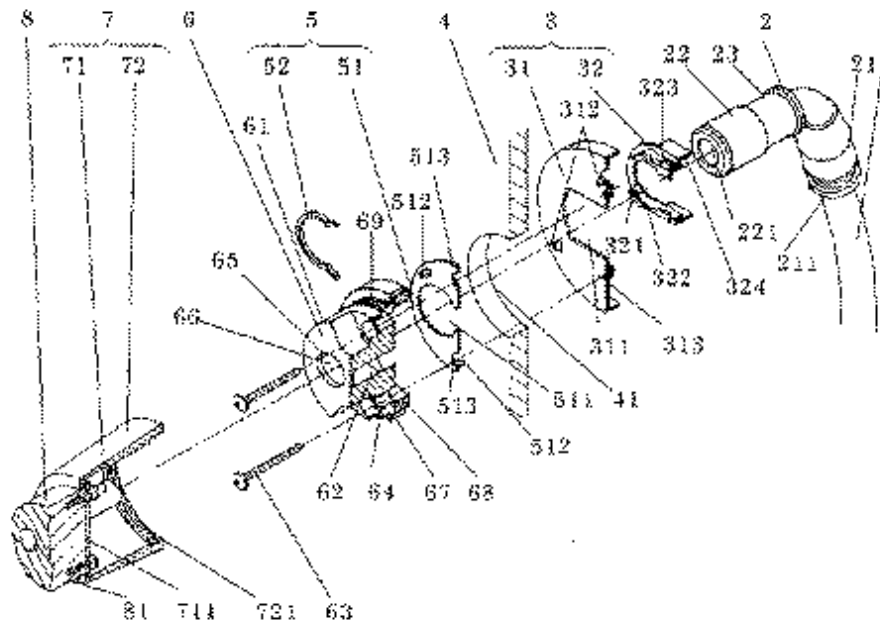
Technology domains

Mechanical elements

Family 22/100 - FAMPAT - ©Questel

Title

(JP2001140307)

Fitting **structure** for mixing **faucet****Images****Publication data including kind & date**

JP2001140307	A	2001-05-22	JP2001140307
JP4221851	B2	2008-11-28	JP4221851

**Abstract**

(JP4221851)

PROBLEM TO BE SOLVED: To provide a fitting **structure** for a mixing **faucet** having a wall opening bored on a wall body, through joints penetrating the wall opening, and a **faucet** main body connected to the joint outlet sides, easy to manufacture and execute regardless of a one-hole type or a two-hole type, having a good decorative design property and a cleaning property, and having little possibility of water leakage at a low cost. **SOLUTION:** A water side through joint and a hot water side through joint are separately provided. A wall backing material holding a pair of joint outlet sides at the prescribed interval and gradually integrating them is provided on the wall body back side. A backward movement regulating member regulating the backward movement, i.e., movement toward the wall body back side, of the joint outlet sides, a **faucet** fitting seat storing, holding, fitting, and fixing the joint outlet sides to the wall body surface side, a **faucet** connecting tube connecting the joint outlet sides to the **faucet** main body inlet side of the mixing **faucet**, and a **faucet** fixing member removably fitting and fixing the mixing **faucet** main body to the **faucet** fitting seat are provided on the wall body surface side.

Inventors

INATOMI SHIGEKI
SENOO SHUNROKU
KONDO TOMIO

Latest standardized assignees - inventors removed

TOTO

Technology domains

Civil engineering

PROBLEM TO BE SOLVED: To provide the connecting **structure** of a piping for a **faucet**, by which positional displacement is absorbed and the piping can be connected satisfactorily to the **faucet**, even when there is positional displacement between the position of the **installation** of the **faucet** and a hole for the piping. SOLUTION: A supply pipe 26, connected directly to the **faucet** and the piping 30 on the upstream side are connected by a pipe joint 28. The pipe joint 28 is formed into a type, having a joint body 44 with an inflow port 59 and an outlet pipe 46 with the first pipe section 72 sideways, extending from the joint body 44 and the second pipe section 74, which is bent at right angles from the first pipe section 72 and in which an outflow port 86 at a terminal section is made eccentric to the joint body 44 and positioned. The outlet pipe 46 is connected to the joint body 44, in the state in which the outlet pipe can be rotated centering around the axial center of the first pipe section 72, and the inflow port 59 of the joint body 44 and the upstream-side piping 30 are connected at the arbitrary position of the angle of rotation, while the outflow port 86 of the outlet pipe 46 and the supply pipe 26 are connected rotatably.

Inventors

ARAKI OSAMU

ANDO TOMOAKI

MINAMI YOSHIHIRO

Latest standardized assignees - inventors removed

INAX

Technology domains

Civil engineering

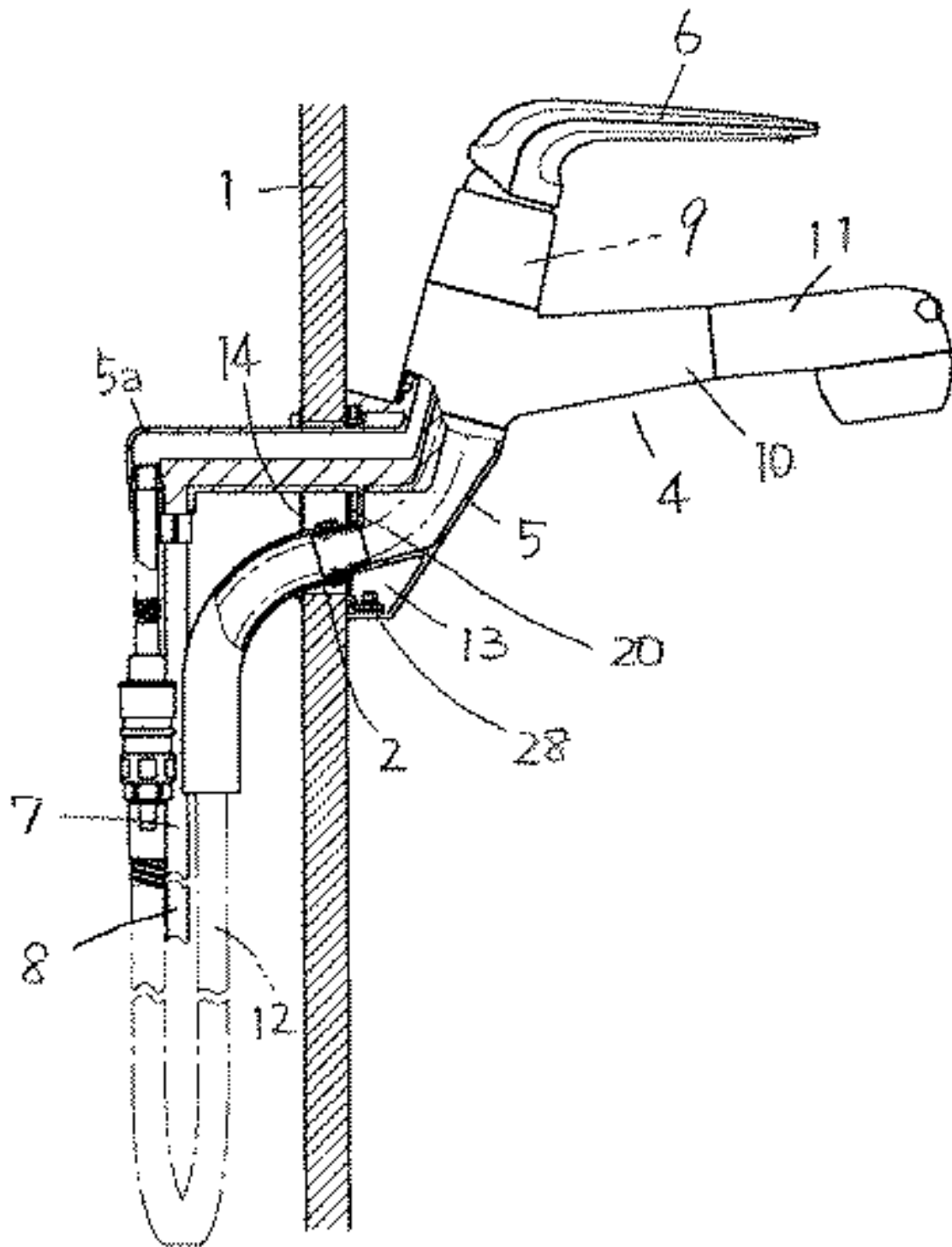
Mechanical elements

Family 24/100 - FAMPAT - ©Questel

Title

(JP2002081104)

Faucet installing **structure****Images**



Publication data including kind & date

JP2002081104	A	2002-03-22	JP2002081104
JP3712929	B2	2005-08-26	JP3712929



Abstract

(JP3712929)

PROBLEM TO BE SOLVED: To provide a **faucet** installing **structure** which allows stable **installation** of a **faucet** from the front side of a wall surface erected at a sink, a wash stand, a bathroom, or the like. **SOLUTION:** The **faucet** installing **structure** which allows **installation** of a **faucet** main body 4 in an **installation** hole 2 of the erected wall surface 1 from the front side of the wall, is comprised of an installing member 13 consisting of a rear plate 14, a front plate 20, and a screw 27. The rear plate 14 is inserted from the front side into the installing hole 2 to be closely stuck to the rear periphery of the installing hole 2. The front plate 20 is closely stuck to the front periphery of the installing hole 2, to thereby face to the

rear plate 14. The screw 27 binds the rear plate 14 and the front plate 20 together across the wall surface 1. Thus, the **faucet** main body 4 is installed on the front plate 20.

Inventors

YAMASHITA TAKATOSHI

FURUKAWA KATSUHIRO

Latest standardized assignees - inventors removed

KITAMURA FUSION MACHINERY

Technology domains

Civil engineering

Family 25/100 - FAMPAT - ©Questel

Title

(KR20040027725)

Structure of assembling **faucet** outlet and water supply hose of washing machine**Publication data including kind & date**[KR20040027725](#) A 2004-04-01 KR20040027725**Abstract**

(KR20040027725)

PURPOSE: Assembling **structure** of a **faucet** outlet and a water supply hose of a washing machine is provided to prevent leakage of water or rust of parts, and to install the water supply hose conveniently by fitting the water supply hose of the washing machine to the **faucet** simply. CONSTITUTION: An assembling system of a **faucet** outlet(110) and a water supply hose of a washing machine is composed of an outer hard cylindrical part(200) having the diameter larger than the standard of the **faucet** outlet; an inner cylindrical part(210) flexibly formed in the outer part; and a fitting unit(220) formed in the end of the water supply hose for restricting the water supply hose of the washing machine from being separated from the **faucet** outlet by fitting to the **faucet**. The inner part is contacted to the **faucet** outlet with pressure between the outer part and the inner part in supplying water. Water leakage is prevented in supplying water with fixing the fitting unit to the **faucet**.

Inventors

KIM BYOUNG YOON

Technology domains

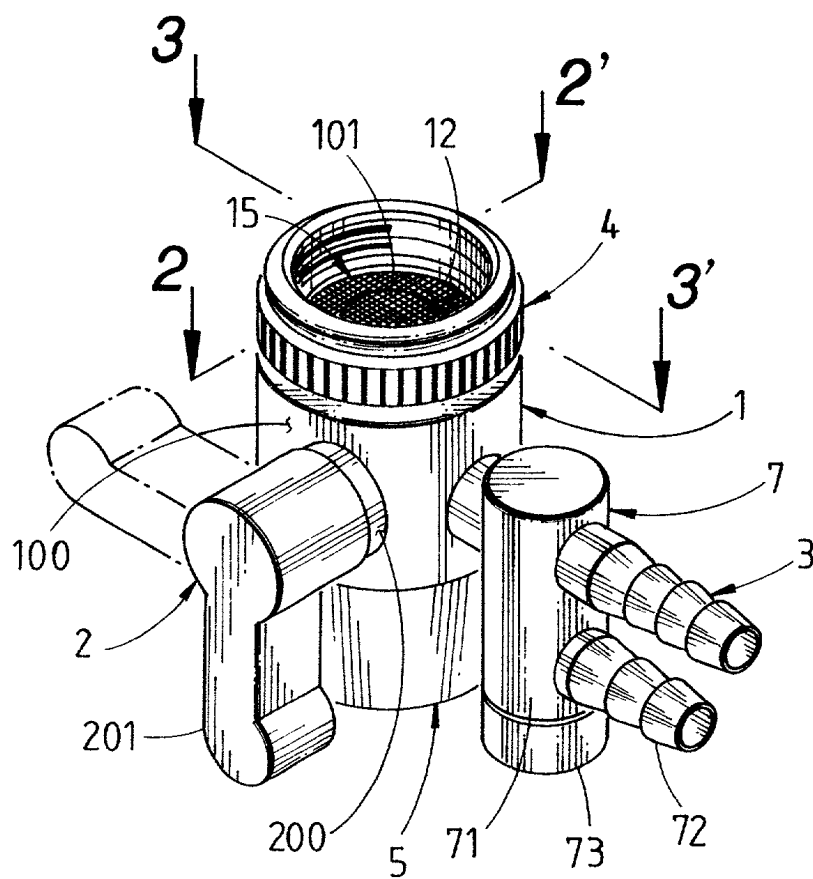
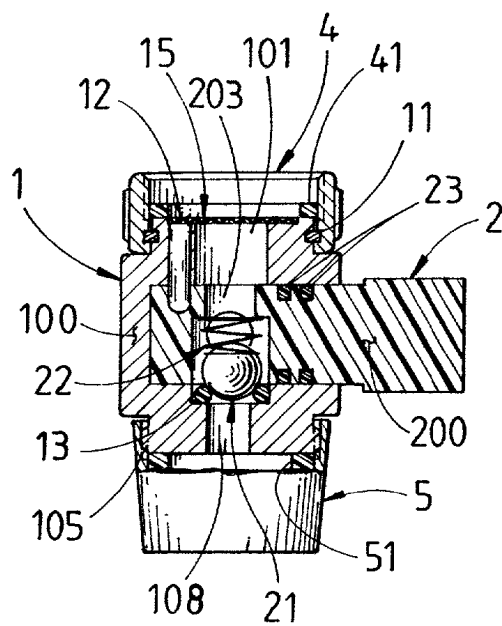
Other consumer goods

Family 26/100 - FAMPAT - ©Questel

Title

(US20010054447)

Structure **faucet** water diversion device**Images**

**FIG. 1****FIG. 2**

Publication data including kind & date

TW443449	U	2001-06-23	TW-443449U
US20010054447	A1	2001-12-27	US20010054447

**Abstract**

(US20010054447)

An improved **structure faucet** water diversion device comprised of a body having disposed in the center a stepped bore and in its lateral surface and contiguous with the stepped bore is a threaded hole and a horizontal columnar passage penetrating the stepped through-hole such that a revolvable liquid rechannelling shaft can be pivotably installed into the horizontal columnar passage and a water output **coupling** screwed into the threaded hole. Respectively installed to the upper and lower extent of the body is a ring nut and a water filtering spout. The revolvable liquid rechannelling shaft consists of a round chambered column having a revolvable button-type handle situated at one end and disposed in the column in a crisscrossed arrangement and also perpendicular to its axial center is a through-hole and a stepped hole, and nested in the stepped hole is a steel ball and a spring. As such, after the column is then pivotably installed into the horizontal columnar passage of the body, the rotation of the revolvable liquid rechannelling shaft controls whether water flows from the water filtering spout or from the water output **coupling**.

Inventors

KUO CHU-CHENG

Technology domains

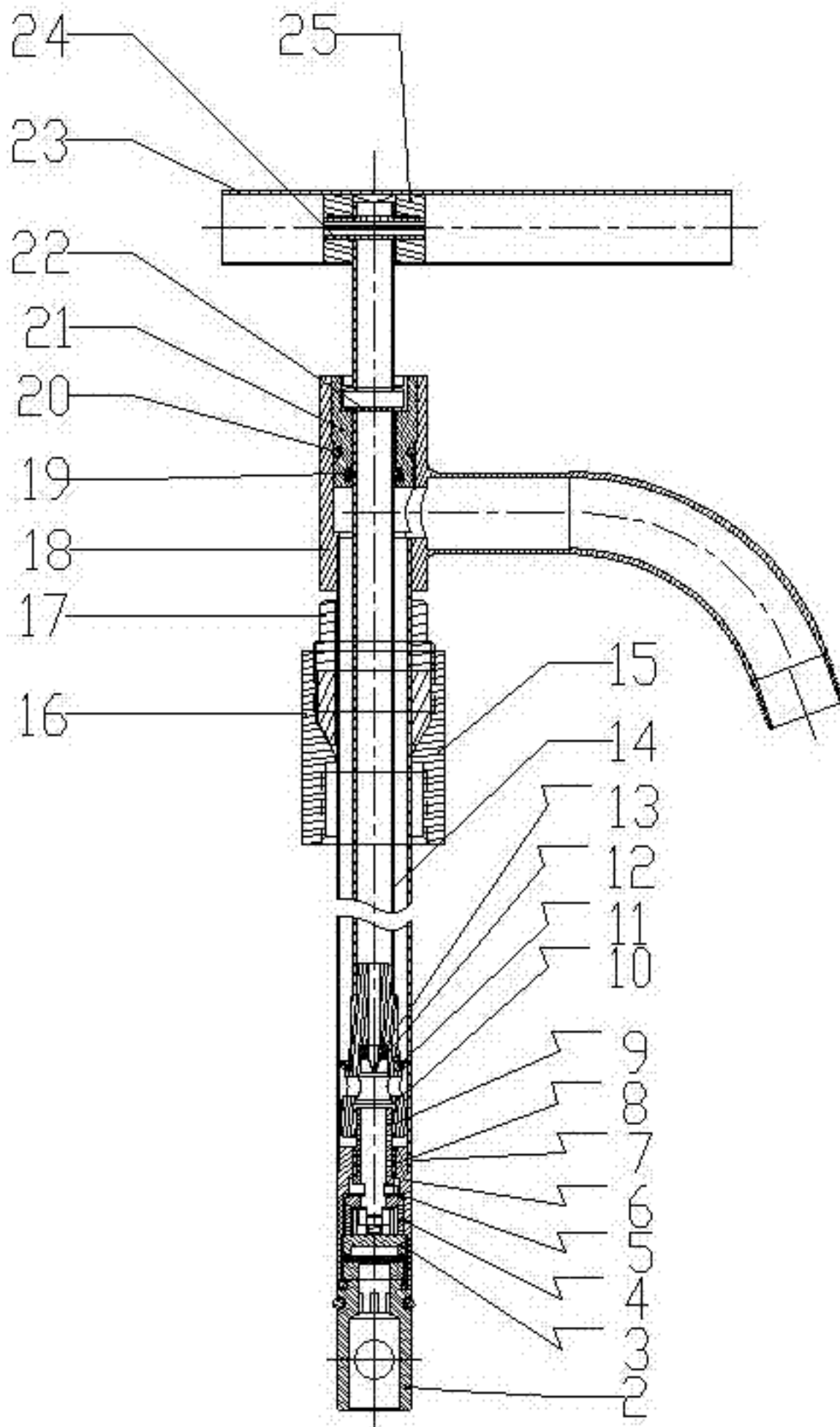
Mechanical elements

Family 27/100 - FAMPAT - ©Questel

Title

(CN108302214)

Rapid **installation** type anti-freezing **faucet****Images**



Abstract

(CN108302214)

The invention discloses a rapid **installation** type anti-freezing **faucet**. A valve core is of a pipeline **structure** with water feeding from the lower portion and discharging from the upper portion; the lower portion of an outer tooth rotation rod is connected with a movable ceramic chip through a convex groove **structure**; the upper portion of a fixed seat is welded to the lower portion of a fixed pipe; a lifting inner pipe is arranged in the fixed pipe; an inner tooth connector is welded to the lower end of the lifting inner pipe and internally provided with a one-way valve, and the inner tooth connector is in clearance fit with an outer tooth on the upper portion of the outer tooth rotation rod; a locking nut and a fixing connection nut sleeve the upper middle portion of the fixed pipe; a clearance is formed between the lower portion of the fixing connection nut and the fixed pipe; and the upper end of a pre-buried pipeline is inserted into the clearance and connected with an internal thread of the fixing connection nut. According to the rapid **installation** type anti-freezing **faucet**, the effects that water is conveniently used outdoors in winter, and the pipeline and the **faucet** are free of freezing and cracking are ensured, engineering construction is not needed, the market vacancy is filled in, no energy source is wasted, the situation that heat is preserved by consuming energy is avoided, professional staff construction is not needed, **installation**, maintenance and replacement can be achieved only through a simple tool, **installation** is rapid, and maintenance is convenient and fast.

Inventors

JIN JUNHAI

Latest standardized assignees - inventors removed

TANGSHAN KAIFENG TOILET & BATHROOM PRODUCT

Technology domains

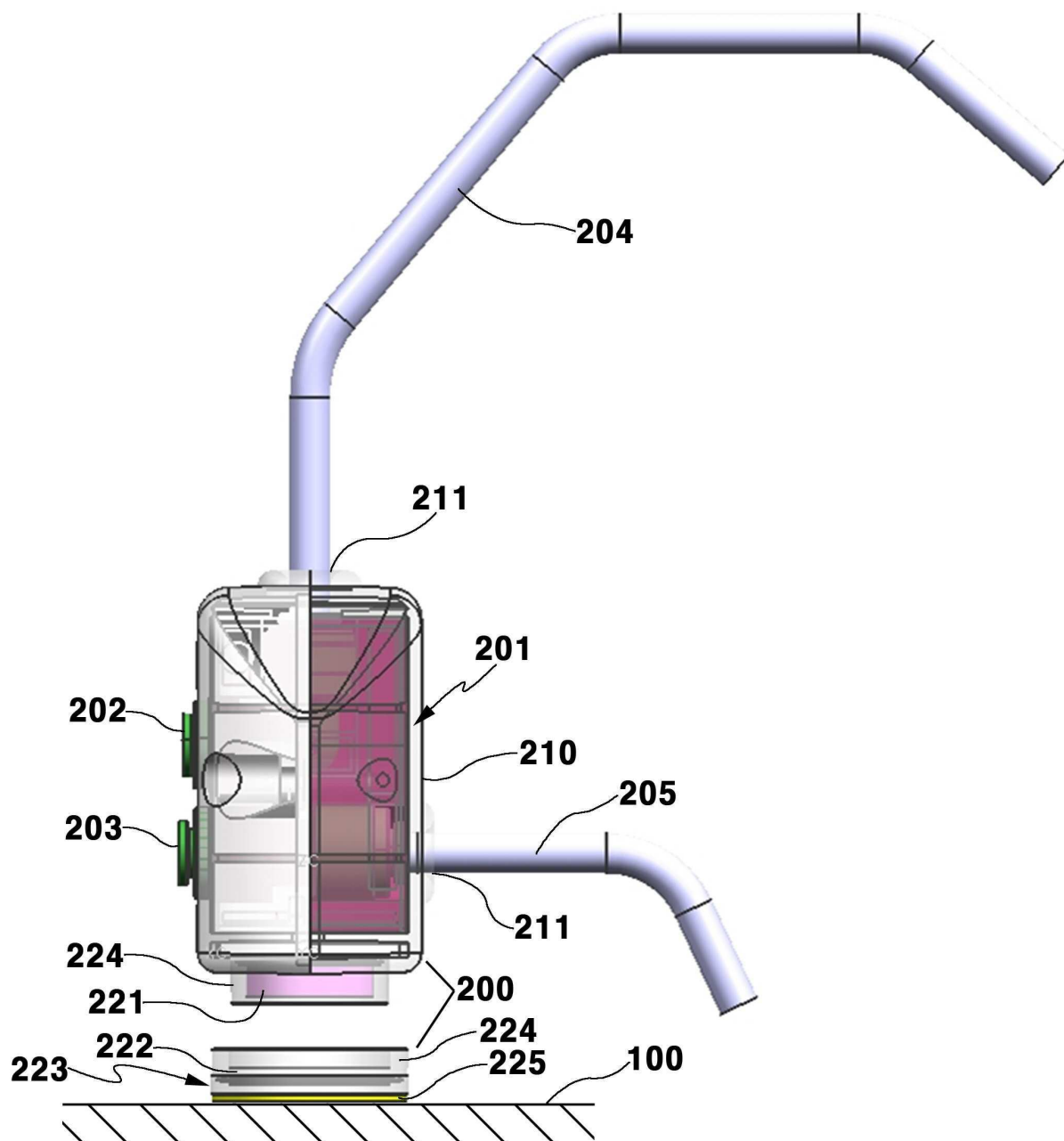
Mechanical elements

Family 28/100 - FAMPAT - ©Questel

Title

(KR101486953)

Faucet for water ionizer, and **faucet** adhesion **structures** the same**Images**



Publication data including kind & date

KR20140111551	A	2014-09-19	KR20140111551
KR101486953	B1	2015-02-04	KR101486953



Abstract

(KR101486953)

The present invention relates to a **faucet** for a water ionizer and an attachment **structure** thereof and, more specifically, to a **faucet** for a water ionizer having a simple configuration and used regardless of the position of a **structure** by moving the position through easy attachment and detachment and to an attachment **structure** thereof. The **faucet** for a water ionizer comprises a main body (201) for separately discharging alkaline water and acidic water generated by a water ionizer (300); an elbow fitting (202) and a straight fitting (203) partially exposed while most of them are mounted inside the main body (201) to form paths for separately discharging the alkaline water and the acidic water; and an alkaline water discharge pipe (204) and an acidic water discharge pipe (205) coupled to the elbow fitting (202) and the straight fitting (203) mounted inside the main body (201), respectively. The attachment **structure** of the **faucet** for a water ionizer comprises a position determining unit (220) for determining the **installation** position of the **faucet** (200) by detachably supporting the main body (201) on the **structure** (100). Accordingly, the present invention provides the durable **faucet** with the reduced number of parts, excellent reliability, and the enhanced degree of freedom for the determination of the attachment position.

Inventors

SIN, BYUNG-CHEL

Latest standardized assignees - inventors removed

ION

Technology domains

Civil engineering

Environmental technology

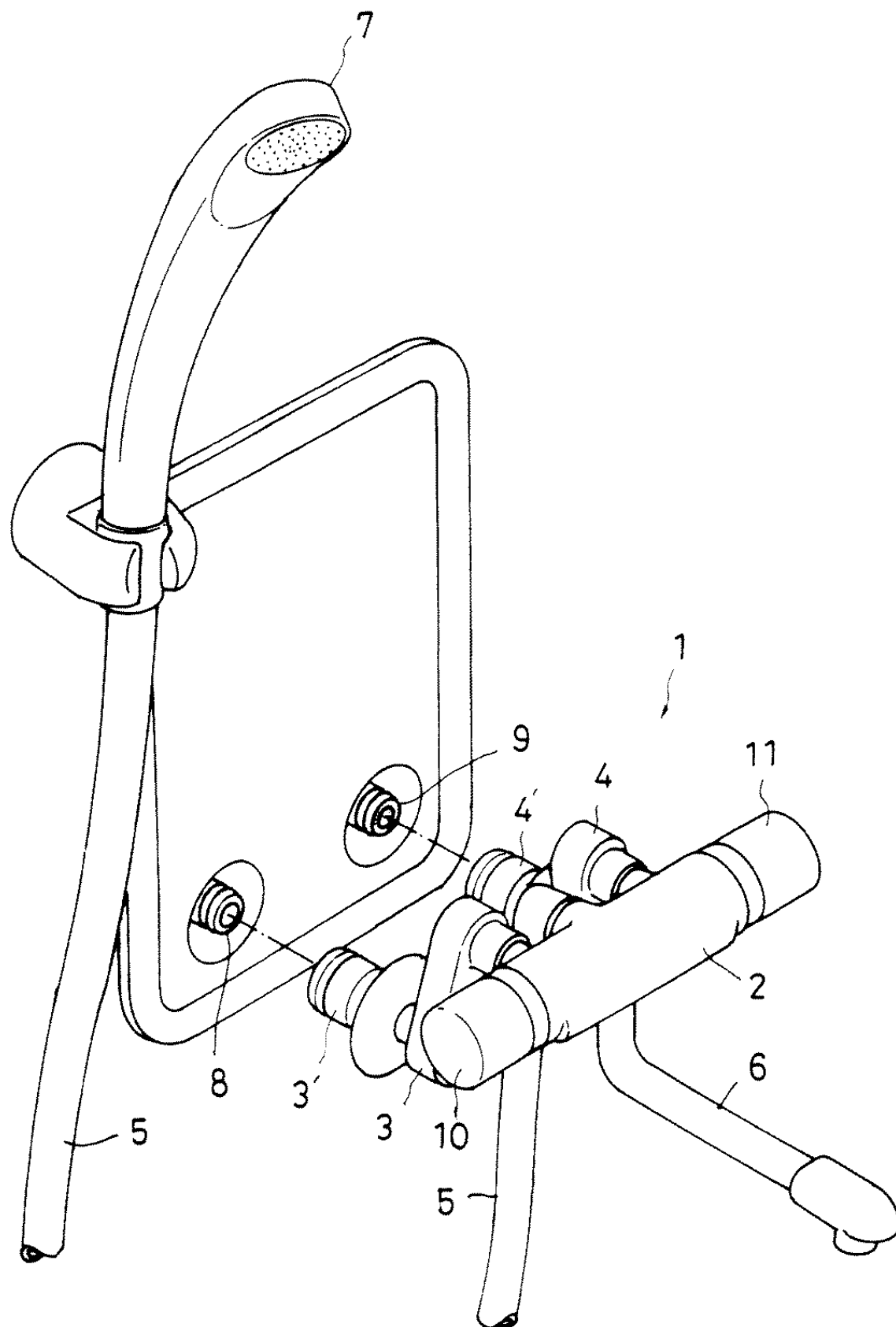
Handling

Family 29/100 - FAMPAT - ©Questel

Title

(JP2000291086)

Fitting **structure** for simplified joint integrated **faucet****Images**



Publication data including kind & date

[JP2000291086](#)

A 2000-10-17

JP2000291086

[JP4413309](#)

B2 2009-11-27

JP4413309



Abstract

(JP4413309)

PROBLEM TO BE SOLVED: To facilitate attaching or detaching of a **faucet** to a hot water or water supply opening by providing a serration at the tip of a joint of a **faucet** body and also providing a simple and easy attachable/detachable mechanism in the joint. SOLUTION: A **faucet** body 1 is chiefly constituted of a body 2, a hot water inflow passageway 3, a

water inflow passageway 4, and a delivery pipe 6. Joints 3', 4' are formed at the extremity of the inflow passageways 3, 4 to be integrally formed with the body 1. The joints 3', 4' are provided with an easy and simple attachable/detachable mechanism respectively to be attachable/detachable to/ from the hotwater supply joint 8 and the water supply joint 9. A serration is formed at the extremity of the joints 8, 9 and the extremity of the joints 3', 4', so as not to mutually rotate during connection. When the joint is a female screw, a joint attachable to the easily attachable/detachable mechanism at one end, having a serration at the extremity is provided and further a plug with a male screw is provided at the other end. The supply joint is detachably connected to the **faucet** side joint. In this way, the **faucet** can be easily attached or detached.

Inventors

NISHIOKA AKIRA

Latest standardized assignees - inventors removedSAN **FAUCET** MANUFACTURING**Technology domains**

Civil engineering

Mechanical elements

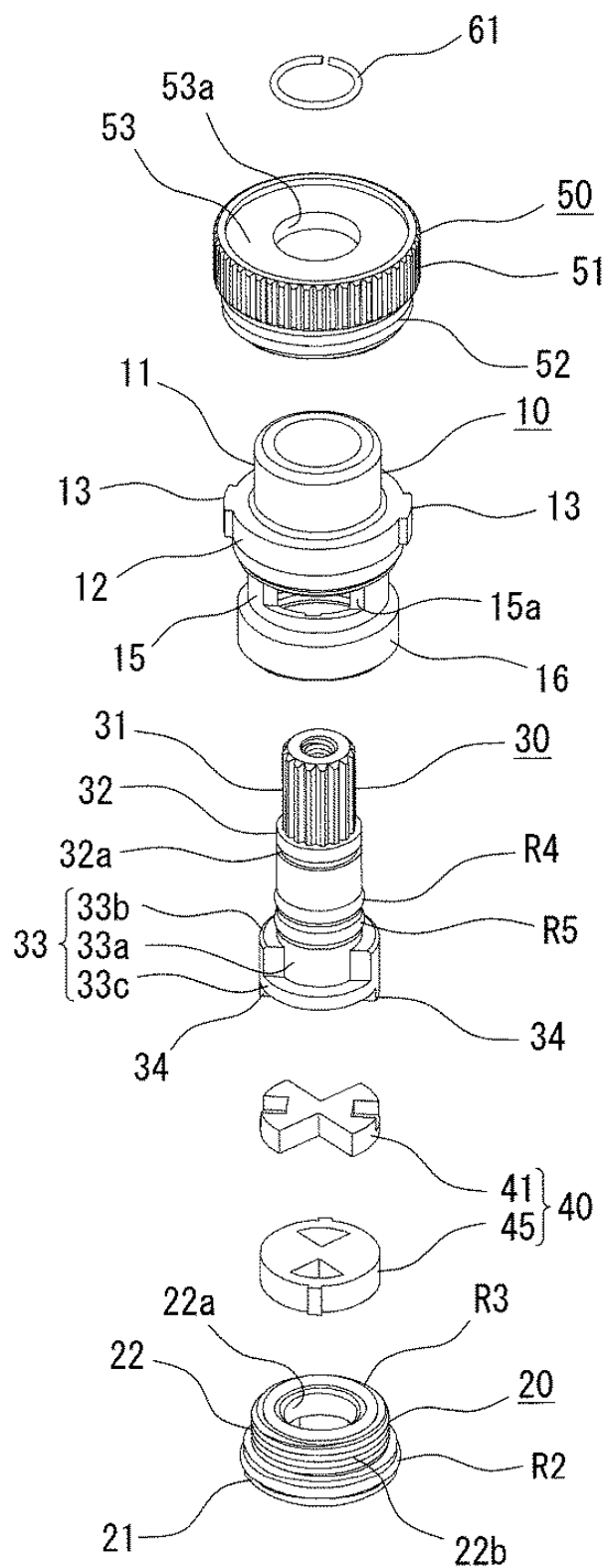
Family 30/100 - FAMPAT - ©Questel

Title

(JP2014185698)

Resinous water cut-off valve cartridge, **installation structure** of resinous water cut-off valve cartridge, and water cut-off **structure** of **faucet**

Images



Publication data including kind & date

CN104061344	A	2014-09-24	CN104061344
KR20140115928	A	2014-10-01	KR20140115928
JP2014185698	A	2014-10-02	JP2014185698
CN104061344	B	2017-06-20	CN104061344B
JP6180144	B2	2017-08-16	JP6180144



Abstract

(JP6180144)

PROBLEM TO BE SOLVED: To provide a resinous water cut-off valve cartridge which prevents the deterioration of

strength or the elution of restricted substances accompanied with weight reduction or use inherent in brass material. SOLUTION: The whole of a housing 10, a supporting cap 20, a valve bar 30, and fixing cap 50 is made by synthetic resin. The fixing cap 50 is installed on an upper end side of the housing 10 so as to rotate in normal and reverse directions. In the housing 10, a pair of fitting projections 13 is formed at a position near the fixing cap 50 so as to extend in an axial direction. The fitting projections 13 of the housing 10 are fitted with a fitting groove of a faucet body. By the fitting and locking, the housing 10 is prevented from relatively rotating to a valve storing portion, and the fixing cap 50 is screwed and attached with the valve storing portion.

Inventors

HAYAKAWA TORU

Tomohiko

Latest standardized assignees - inventors removed

MIZSEI MANUFACTURING

Technology domains

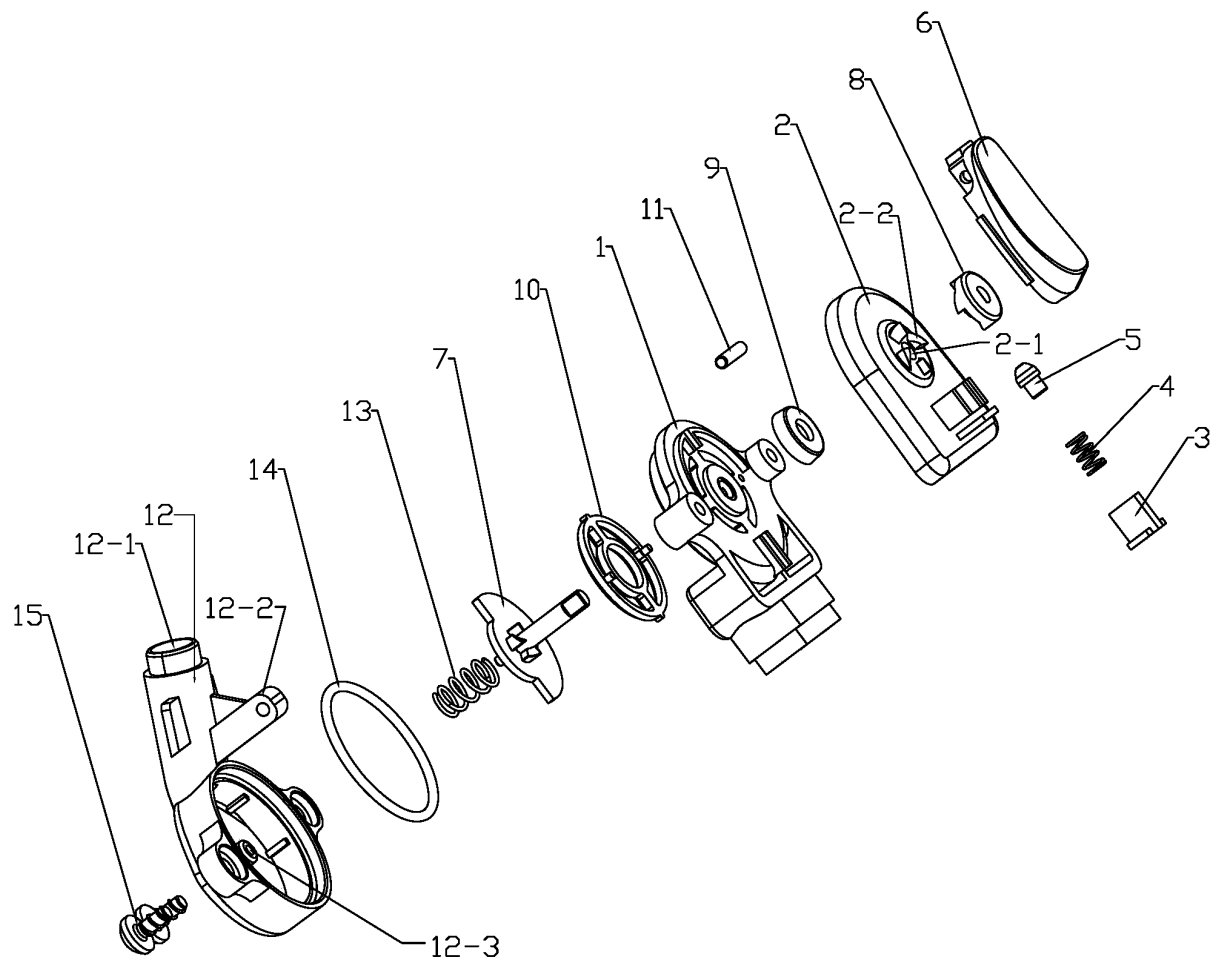
Civil engineering

Mechanical elements

Family 31/100 - FAMPAT - ©Questel

Title

(CN204544506U)

Press and switch a water **installation** and gondola water **faucet****Images****Publication data including kind & date**

CN204544506

U

2015-08-12

CN204544506U

**Abstract**

(CN204544506U)

The utility model discloses a press and switch a water **installation** and gondola water **faucet**, including fixing the casing and

pressing down switching mechanism, press down switching mechanism and include: a button. The rotation is connected in the switching piece of fixed casing, switches over including lying in the internal board and rather than coaxial pivot of meeting of dividing of set casing, and it is external that rotary shaft seal stretches out the set casing, the board of dividing is realized out the water function or is gone out water mode switch through rotating relatively with fixed casing, with button linkage complex driving medium, this driving medium rigid **coupling** in pivot, and the external wall of set casing between the cooperation have a transmission **structure**, the button, the driving medium is connected with the elastic component that carries out the energy storage when the button is pressed with the whole of switching piece or part, the cooperation enables the secondary drive **structure** between the inner wall of the divide board and the fixed casing of switching piece. The utility model discloses make the related important spare part of transmission process still less, therefrom reduce the structural failure and improve job stabilization nature, its transmission **structure** part is visual, makes the **structure** change in control, examines and repair and installs and removes

Inventors

LIN XIAOFA

LIN XIAOSHAN

LIU QIQIAO

DENG XIAOQING

XU JUN

Latest standardized assignees - inventors removed

FUJIAN XIHE SANITARY WARE TECHNOLOGY

Technology domains

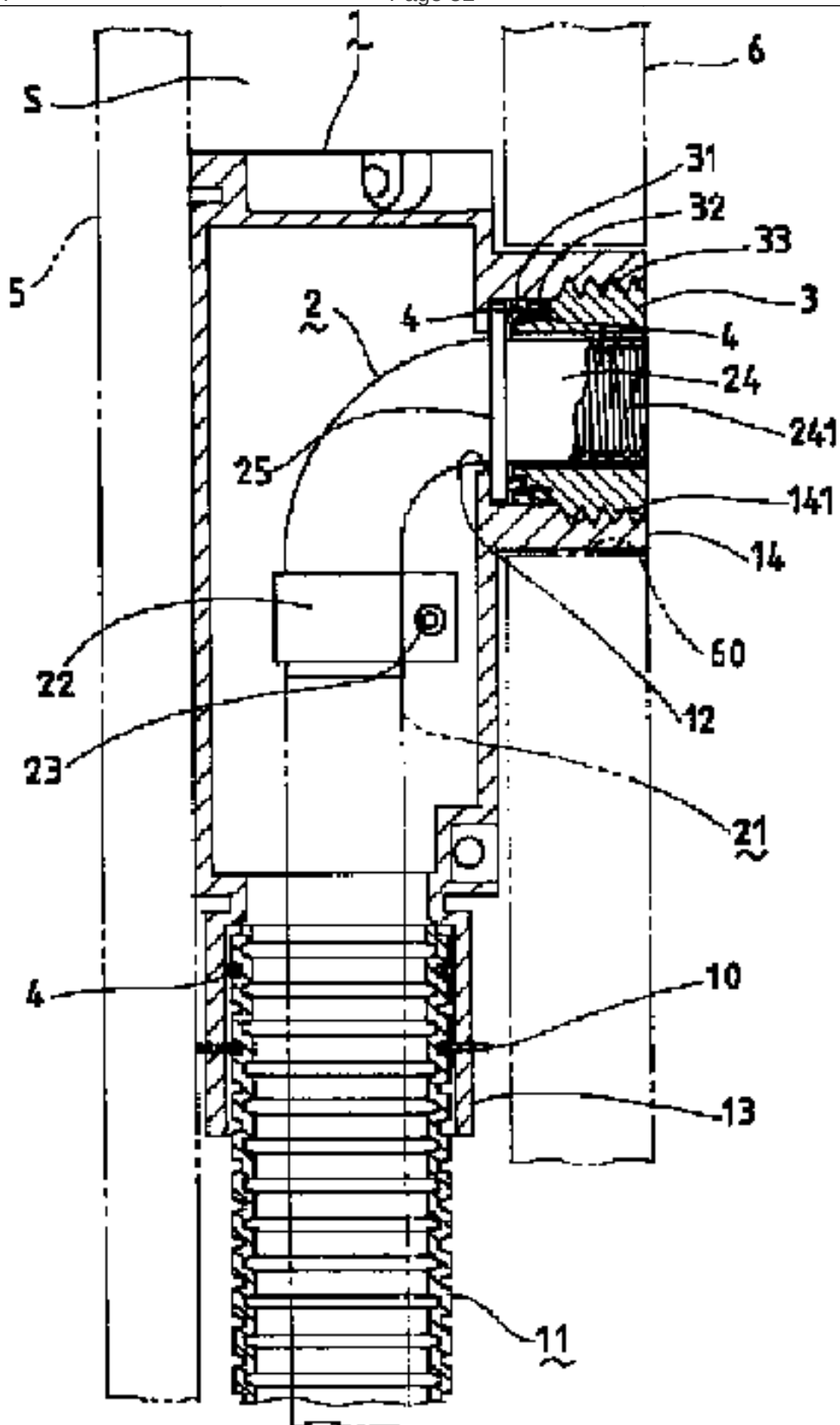
Chemical engineering

Family 32/100 - FAMPAT - ©Questel

Title

(JP09026068)

Joint mounting **structure** of water **faucet** box**Images**



Publication data including kind & date

JP09026068

A 1997-01-28 JP09026068



Abstract

(JP09026068)

PROBLEM TO BE SOLVED: To realize a complete water stop condition in a water faucet box by providing seal rings between a sheath pipe connection section and a sheath pipe in the water faucet box, between the water faucet box and a fixed ring, and between the fixed ring and a collar section of a joint. **SOLUTION:** A screw thread 33 of a fixed ring 3 is screw-fitted in a screw thread 141 of a cylindrical section 14 in a condition in which the fixed ring 3 is inserted into the inside of the cylindrical section 14 of a water faucet box 1. In this condition, a collar section 25 of a pipe joint 2 positioned in the water faucet box is put between a front opening 12 and the fixed ring 3 in the water faucet box 1 and is fixed. In this

state, seal rings 4 are provided between an inner peripheral surface of a sheath pipe connection section 13 and an outer peripheral surface of a sheath pipe 11, between the collar section 25 of the pipe joint 2 and the fixed ring 3, and between the fixed ring 3 and the cylindrical section 14 of the water faucet box 1. Consequently, it is possible to realize a complete water stop condition in the water faucet box 1.

Inventors

ICHINOSAWA SATORU

UBAGAI TSUTOMU

Latest standardized assignees - inventors removed

SEKISUI CHEMICAL

Technology domains

Mechanical elements

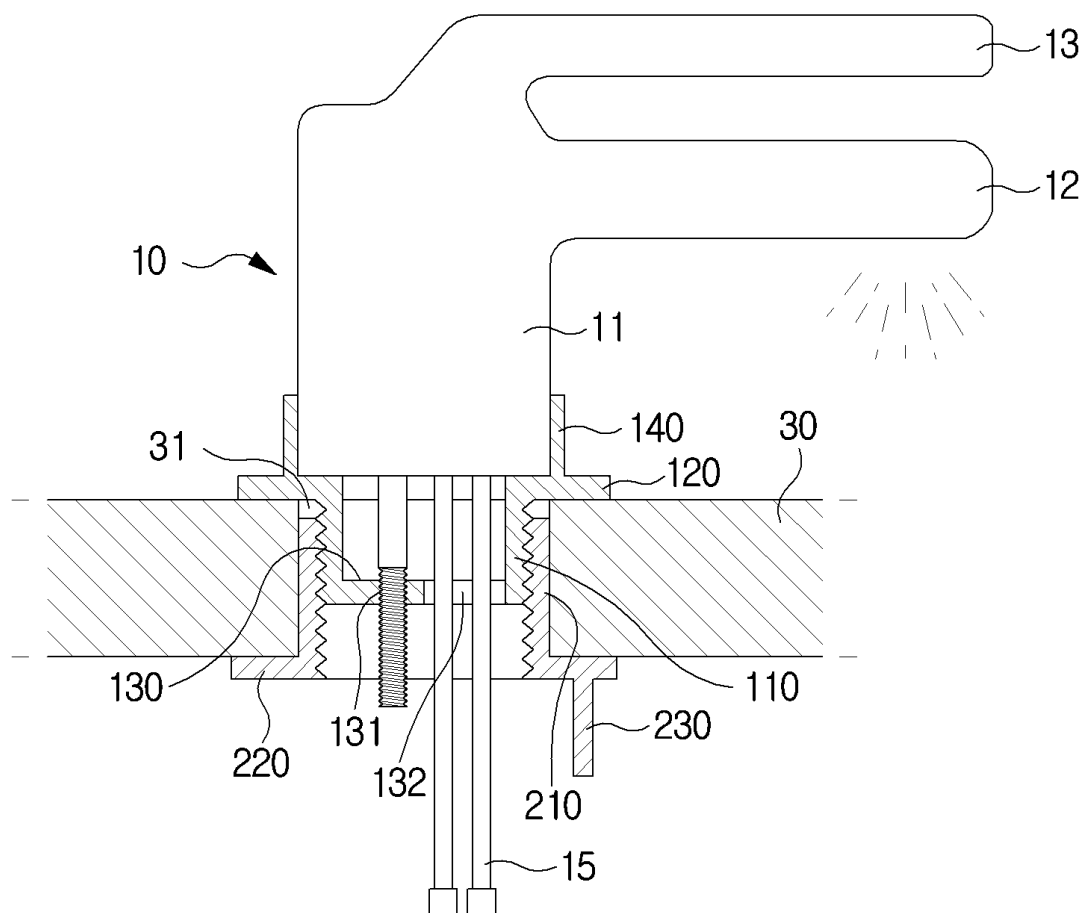
Family 33/100 - FAMPAT - ©Questel

Title

(KR20180116555)

Faucet Installer And Faucet Installation Structure With The Same

Images



Publication data including kind & date

KR20180116555

A

2018-10-25

KR20180116555



Abstract

(KR20180116555)

Disclosed are a faucet installation device and a faucet installation structure using the same. In the faucet installation device of the present invention, a lower installation device is inserted into an installation hole, which is formed to install a faucet to a washstand, from a lower part, and an upper installation device is inserted into the insertion hole from an upper part. A screw is formed on an inner or outer surface of a cylinder part of the upper and lower installation devices, such that the

upper and lower **installation** devices are screw-coupled to each other. A **faucet coupling** part of the upper **installation** device has a screw hole screw-coupled to a bolt formed in a body part of the **faucet**, such that the upper **installation** device is coupled to the **faucet** to be able to rotate. Accordingly, the **faucet installation** device allows the **faucet** to be installed in the **installation** hole formed in the washstand to be able to rotate by a simple **structure**, thereby improving convenience in use of the **faucet**.

Inventors

HWANG, CHANG YOEN

Technology domains

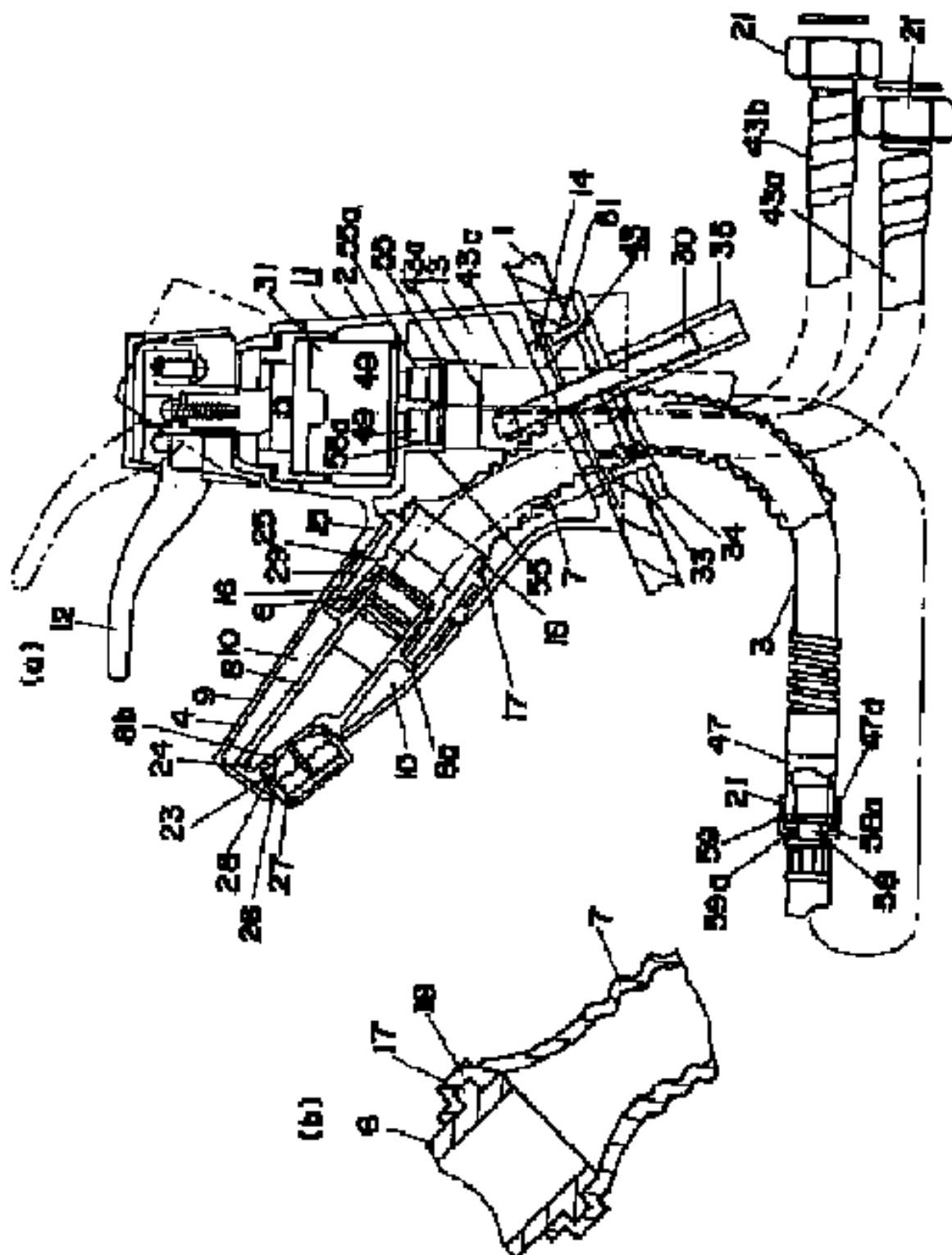
Civil engineering

Family 34/100 - FAMPAT - ©Questel

Title

(JP2000213019)

Faucet mounting **structure****Images**



Publication data including kind & date

JP3005218	B2	2000-01-31	JP3005218
JP2000213019	A	2000-08-02	JP2000213019
KR20000052306	A	2000-08-16	KR20000052306
KR100352842	B1	2002-09-16	KR100352842



Abstract

(JP2000213019)

PROBLEM TO BE SOLVED: To simply and securely attach an inclined face of a lower face part of a **faucet** main body to an inclined upper face part of a mounting base. **SOLUTION:** A lower face part of a **faucet** main body 2 is inclined at the same gradient as a mounting base 1. A bolt 30 is provided and protrudes at a right angle to the inclined face from the

inclined lower face part of the **faucet** main body 2. The inclined lower face part of the **faucet** main body 2 is brought into contact with an upper face part around a mounting hole 51 in an inclined part of the mounting base 1, and the bolt 30 is inserted through the mounting hole 51 and protrudes obliquely and downward. A positioning protruding piece 38 is provided and protrudes upward on a mounting washer 34, and a bolt insertion hole 36 is provided. The bolt insertion hole 36 of the mounting washer 34 is inserted into the bolt 30 on a lower face side of the mounting base 1, and the positioning protruding piece 38 is brought into contact with an inner peripheral face of the mounting hole 51 for positioning. A tightening nut 35 is screw-fitted in the bolt 30.

Inventors

HAYASHI KEIICHI

ANDO YUZURU

Nanmin ***** Hu

Authority Ky Theo

Latest standardized assignees - inventors removed

DAELIM TRADING

PANASONIC ELECTRIC WORKS

Technology domains

Civil engineering

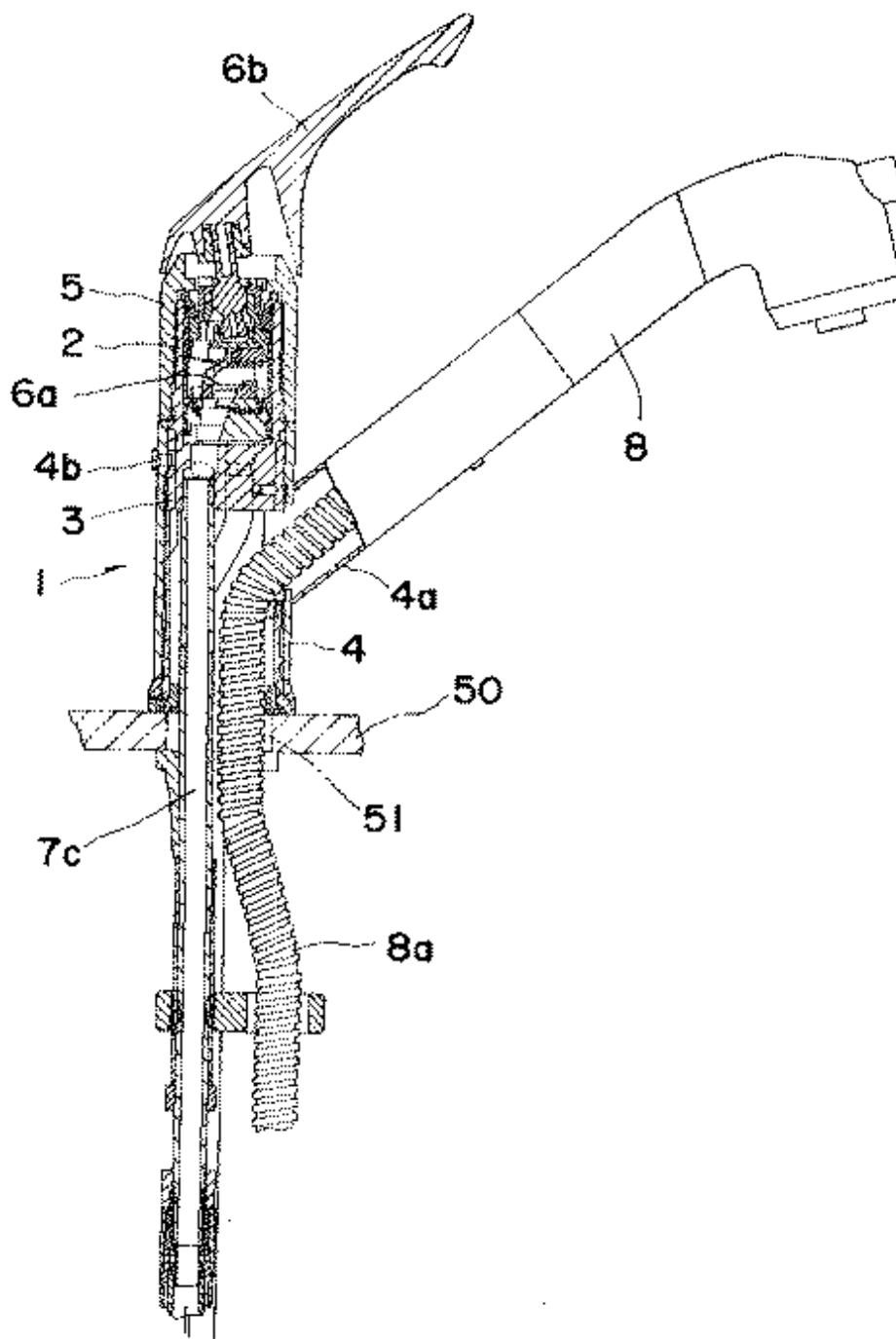
Furniture, games

Family 35/100 - FAMPAT - ©Questel

Title

(JP08239875)

Main body **structure** in **faucet****Images**



Publication data including kind & date

JP08239875	A	1996-09-17	JP08239875
JP3565368	B2	2004-06-18	JP3565368



Abstract

(JP3565368)

PURPOSE: To facilitate working and assembling by dividing a faucet provided with a hand shower, which is freely attached to/detached from a support part, into the first block provided with a control valve, etc., and the second block for supporting a shower hose, and separately manufacturing them. CONSTITUTION: A faucet 1 which is mounted on a kitchen unit counter 50 and provided with a hand shower 8 freely attached/detached is divided into the first block provided with an operation lever 6b for setting flow rate and hot/cold water mixing rate and the second block 3 for supporting a shower hose 8a. Respective blocks are separately manufactured so that machining by a milling cutter, an end mill, etc., can be facilitated and the faucet 1 can be completed just by connecting both blocks 2, 3 together. Working and assembling can be thus performed efficiently.

Inventors

WATANABE HACHIHEI

Latest standardized assignees - inventors removed

TOTO

Technology domains

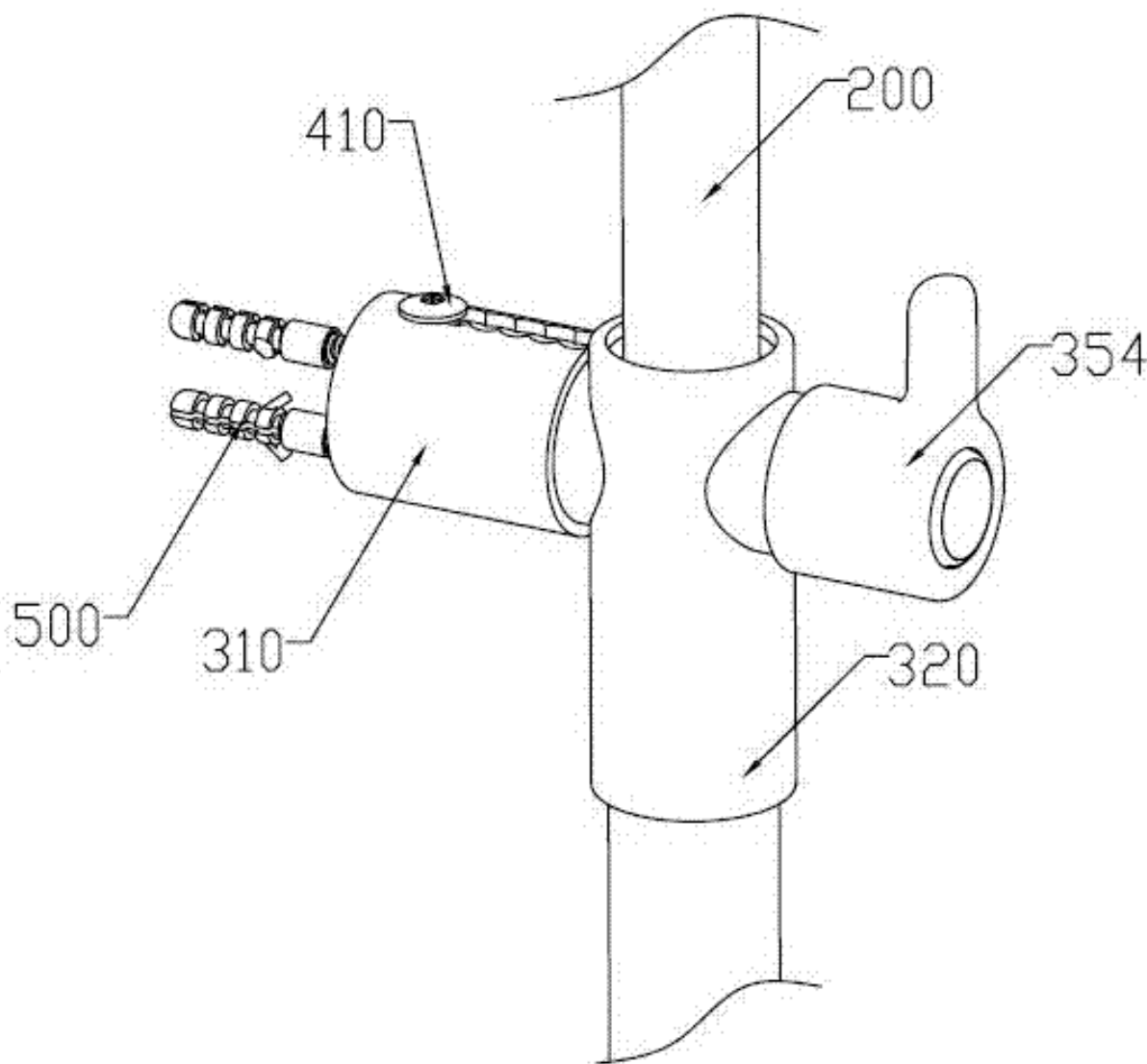
Civil engineering

Furniture, games

Family 36/100 - FAMPAT - ©Questel

Title

(CN104896187)

Height adjustment fixing base for **faucet** before and after **installation****Images****Publication data including kind & date**

CN104896187	A	2015-09-09	CN104896187
CN104896187	B	2018-03-20	CN104896187B

**Abstract**

(CN104896187B)

The invention discloses a height adjustment fixing base for a **faucet** before and after **installation**. The height adjustment fixing base comprises a first fixing base and a second fixing base; the first fixing base is fixed on the wall surface; the second fixing base sleeves a **faucet** water pipe and is connected with the **faucet** water pipe in a fastening mode; the second fixing base is provided with a connecting arm which can be arranged in the first fixing base in an insertion joint mode; a plurality of first screw holes which are continuously distributed are formed in the first fixing base along the insertion joint direction of the connecting arm; the connecting arm is provided with second screw holes which are in one-to-one

correspondence to the fist screw holes; the connection between the first fixing base and the second fixing base is fastened through a first screw so as to fix the faucet onto a wall surface. According to the height adjustment fixing base for the faucet before and after the installation, the adjustment on the distance between the faucet and the wall surface and the height position of the faucet is implemented through the structural design, the height adjustment fixing base can be applied to the installation of different types of faucets due to the high versatility, the problem that the alignment of the previous faucet cannot be achieved due to the fact that the position of a water pipe is not equal to the height of a faucet installation base during installation is solved, the great use convenience is brought to the faucet installation personnel, and the installation efficiency of the faucet is improved.

Inventors

HUO ZHENHUI

Latest standardized assignees - inventors removed

FOSHAN GAOMING ANHUA CERAMIC SANITARY WARE

Technology domains

Mechanical elements

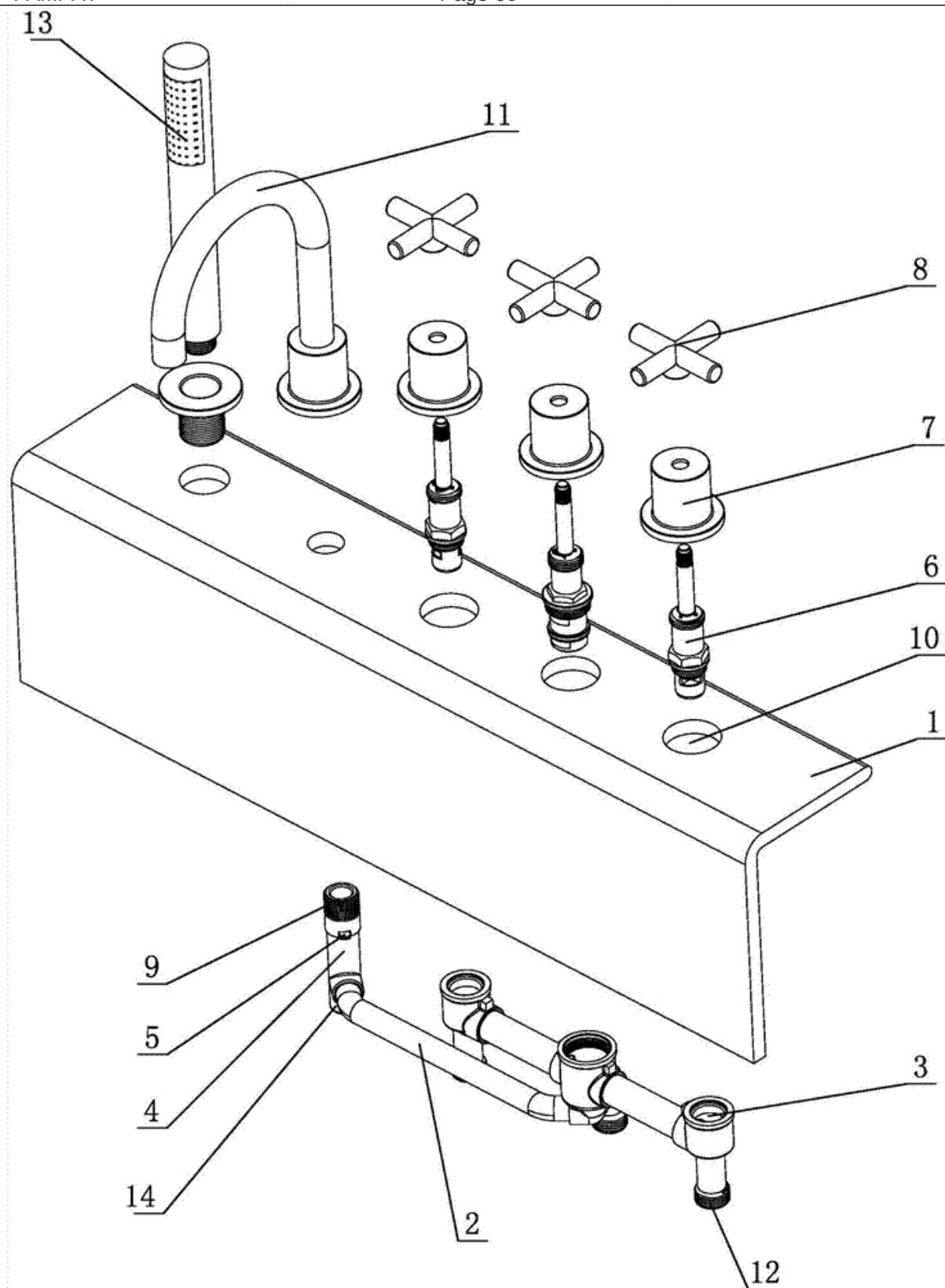
Family 37/100 - FAMPAT - ©Questel

Title

(CN105715833)

Top-mounted type integrated faucet and installation method

Images



Publication data including kind & date

CN105715833	A	2016-06-29	CN105715833
CN105715833	B	2019-02-19	CN105715833B



Abstract

(CN105715833B)

The invention discloses a top-mounted type integrated **faucet** and an **installation** method. The top-mounted type integrated **faucet** comprises an integrated valve which is installed below an **installation** platform or in the **installation** platform. The integrated valve comprises a cold water inlet, a hot water inlet, multiple valve bodies and multiple water outlet connectors, wherein the multiple valve bodies and the multiple water outlet connectors are connected through an inner pipeline. Each of the valve bodies and the water outlet connectors is provided with a lower clamping part. The lower clamping parts of the

valve bodies and the lower clamping parts of the water outlet connectors are connected with valves with upper clamping parts and water discharging nozzles, wherein the valves and the water discharging nozzles are arranged on the **installation** platform. The lower clamping parts and the upper clamping parts are used for clamping the **installation** platform. The top-mounted type integrated **faucet** has the beneficial effects that the **installation** process is simple, the top-mounted type integrated **faucet** is suitable for narrow **installation** platforms; the integrated valve is integrally designed, the pipeline is internally integrated, styles are various, and different types of top-mounted type integrated faucets can be selected according to requirements; in addition, the **structure** is reliable, and multi-point connection cooperative control can be achieved; and the valves and the **faucet** are installed in a top-mounted manner, and overhauling and replacing are convenient.

Inventors

WU MINGLIANG

ZHANG JING

Latest standardized assignees - inventors removed

JIAO MINGXIAN

Technology domains

Civil engineering

Mechanical elements

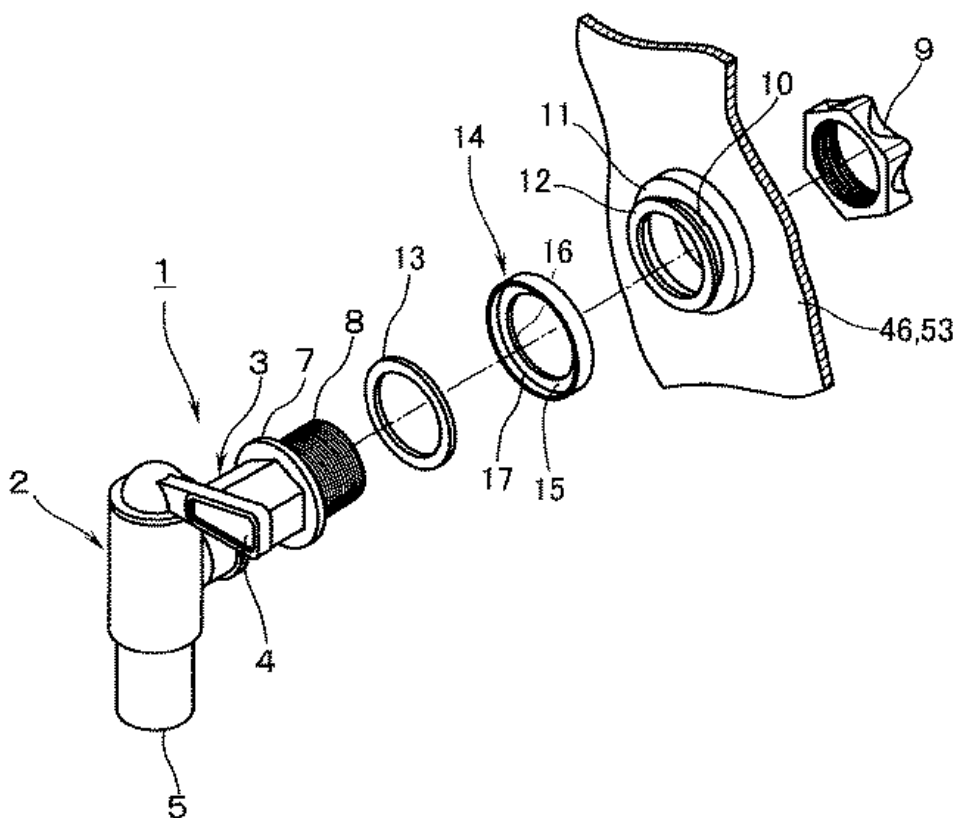
Family 38/100 - FAMPAT - ©Questel

Title

(JP2010276048)

Waterproof **structure** of **faucet**

Images



[JP2010276048](#)

A 2010-12-09 JP2010276048

[JP5275905](#)

B2 2013-05-24 JP5275905

**Abstract**

(JP5275905)

PROBLEM TO BE SOLVED: To restrain reduction in watertightness by sufficiently restraining the deterioration with time of packing, by securing sufficient watertightness, by easily restraining outside protrusion of the packing caused by excessive fastening, when installing a **faucet** such as a water supply device arranged outdoors.

SOLUTION: A washer 14 has a ring-shaped washer body 15 and a short size cylindrical first guide piece 16 projecting to the first packing side from the outer peripheral edge of the washer body by a compressive thickness of the first packing 12 required for imparting the watertightness. The side peripheral end of a first guide piece abuts on an **installation** side part in response to fastening of a nut 9, and the first packing is compressed in a first area surrounded by the first guide piece, the washer body and the **installation** side part, and the required watertightness is imparted.

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Inventors

Saitou Satoshi

Latest standardized assignees - inventors removed

PANASONIC

Technology domains

Civil engineering

Mechanical elements

Family 39/100 - FAMPAT - ©Questel

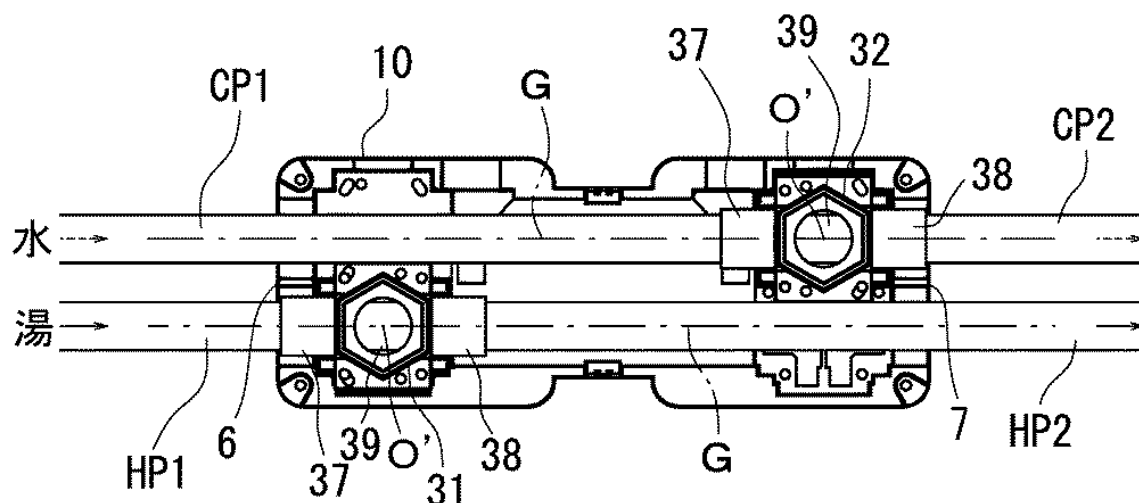
Title

(JP2019002206)

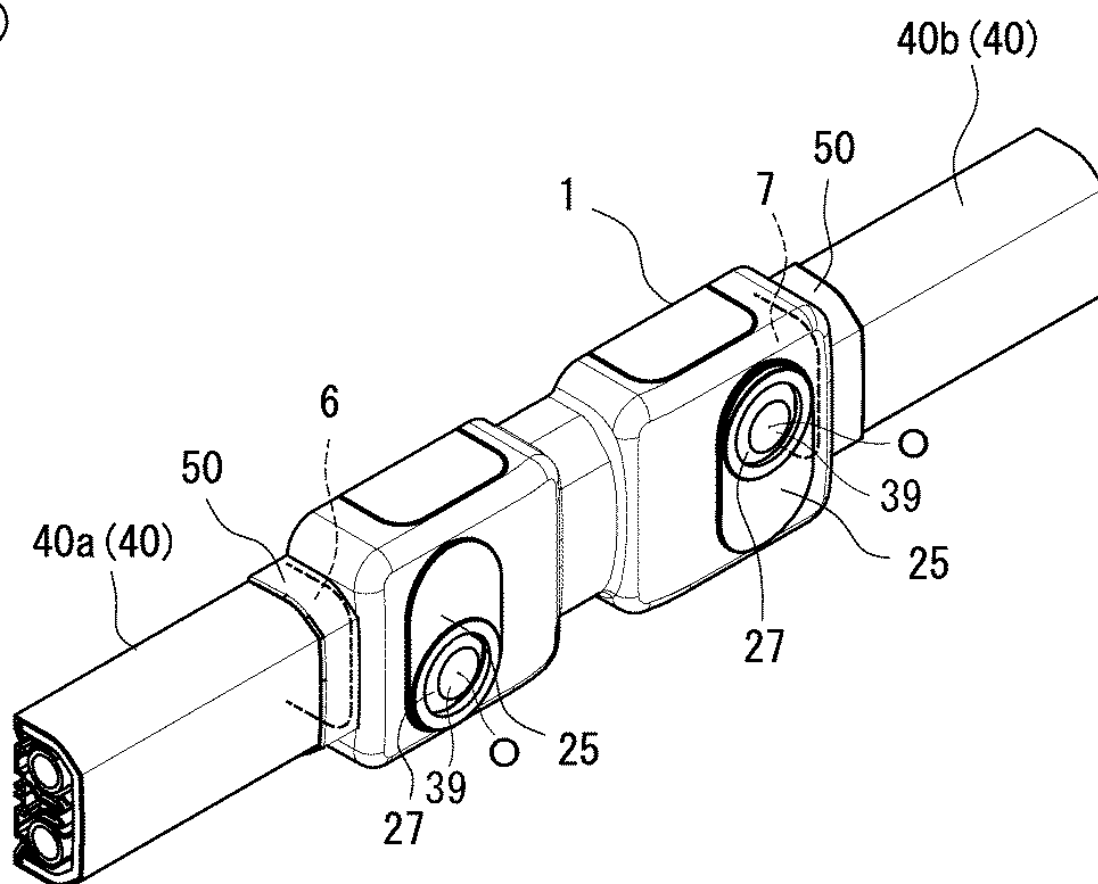
Coupling the storage box, storage box and the pipe joint and the protective cover assembly apparatus and assembly of the apparatus, and the mixing **faucet installation structure** of

Images

(a)



(b)



Publication data including kind & date

JP2019002206

A

2019-01-10

JP2019002206



Abstract

(JP2019002206)

PROBLEM TO BE SOLVED: Hot water supply pipe and the water supply pipe connected to the mixed water in the hydrant, the tubular body is connected to the mixing faucet without bending, in addition, both the pipe and the pipe remains straight without bending to be connected side-by-side so that a plurality of mixed water stopper can be installed. SOLUTION: Hot water supply pipe and a water supply pipe and are connected respectively 2 one joint 30 box accommodating 1 or, 2 one

joint 30 are arranged in a direction substantially the same direction, both when the tube is in a parallel which are inserted in the container mouth fitting 6 provided, each joint 30 of the faucet unit 39 box 1 exposed to the outside of the opening 27 formed respectively, of both the opening 27, 27 O the center of each of the, the first 1 hot water supply pipe HP1, first 1 water pipe CP1 arrangement in the second direction are formed in the respective positions. Moreover, both joint 30 is interposed between the insertion opening 6 on the opposite side, the insertion opening 6 inserted from both the tube and another, second 2 hot water supply pipe HP2 and 2 supply pipe CP2 outlet drawn 7 is formed. SELECTED DRAWING: Fig. 9

Inventors

MATSUDA SHOHEI

Latest standardized assignees - inventors removed

MIRAI INDUSTRY

Technology domains

Civil engineering

Mechanical elements

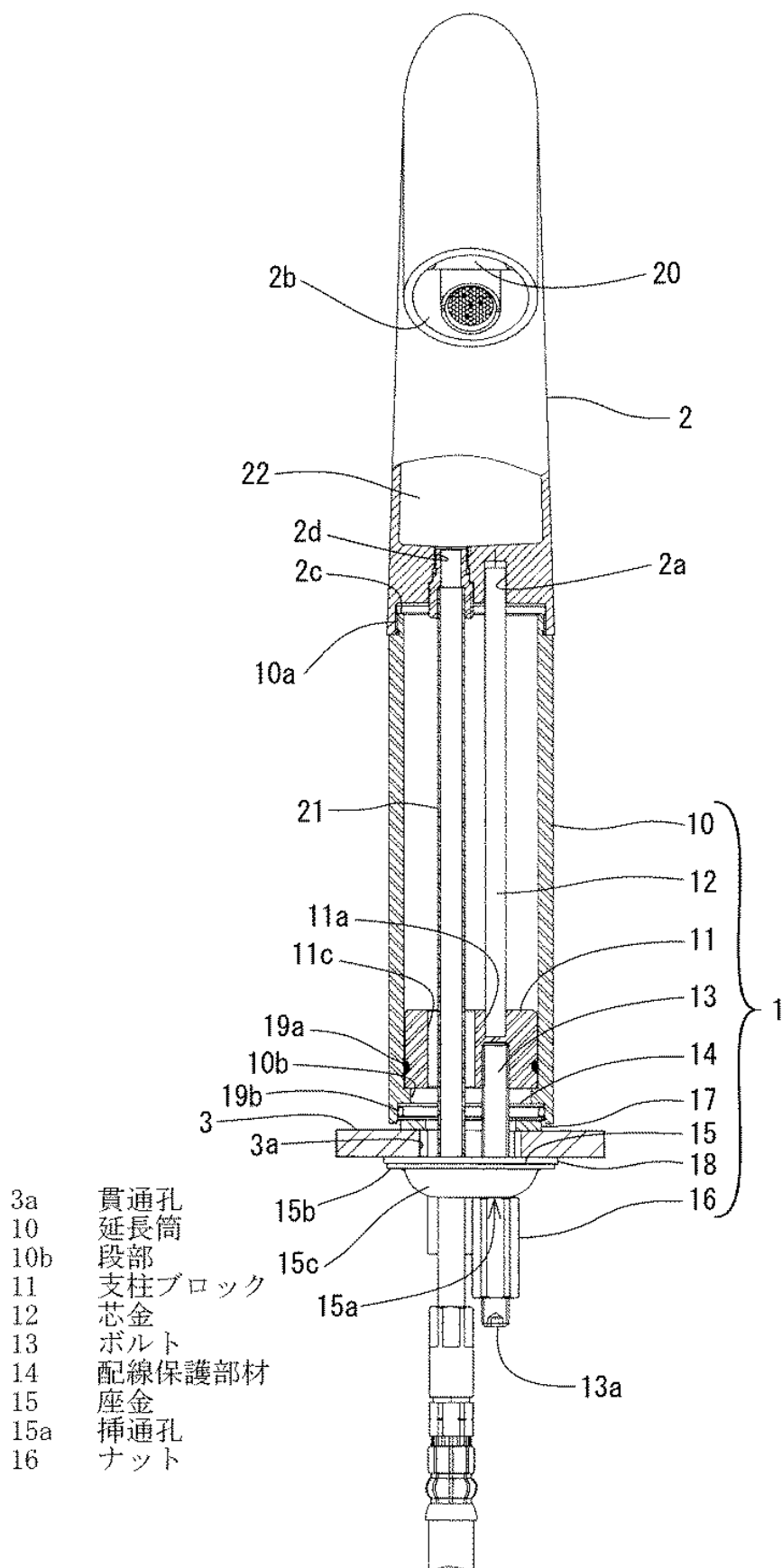
Family 40/100 - FAMPAT - ©Questel

Title

(JP2009185507)

Faucet mounting structure

Images



Publication data including kind & date

JP2009185507

A 2009-08-20

JP2009185507

JP4644260

B2 2010-12-10

JP4644260



Abstract

(JP4644260)

PROBLEM TO BE SOLVED: To provide a **faucet** mounting **structure** enabling a stable and easy **installation** of a **faucet**

body in a position higher than a **faucet** mounting plate part.

SOLUTION: This **faucet** mounting **structure** is provided with: an extension cylinder 10 extending from the bottom end of the **faucet** body 2; and a generally cylindrical strut block 11 having an outer peripheral surface in contact with the inner peripheral surface of the extension cylinder 10, a fitting hole 1b for a bolt 12, and an insertion hole 11c through which a water supply pipe 21 is inserted, and also having such a height that stably holds the vertically installed state of the extension cylinder by vertically standing on the water **faucet** mounting plate part 3 in the state of being tightened with the bolt 12 and a nut 16.

COPYRIGHT: (C)2009,JPO&INPIT

Inventors

NISHIOKA TOSHIAKI

Maki lighting

Latest standardized assignees - inventors removed

SAN **FAUCET** MANUFACTURING

Technology domains

Civil engineering

Mechanical elements

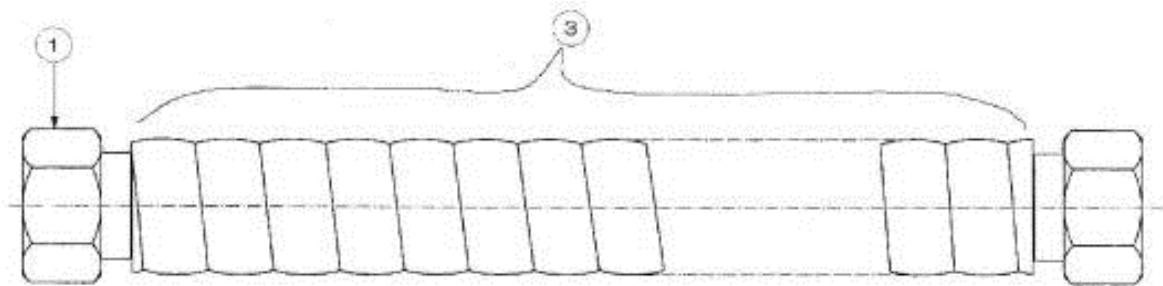
Family 41/100 - FAMPAT - ©Questel

Title

(JP3115501U)

Faucet with a protective cover for a flexible **coupling** tube

Images



Publication data including kind & date

[JP3115501](#) U 2005-11-10 JP3115501U



Abstract

(JP3115501U)

PROBLEM TO BE SOLVED: Greatly improve piping work, and also combines the original appearance after **installation**, and insulated heat retaining of fluid into the pipe well effect spst_, stainless steel flexible tube protective cover for protecting a pipe of the **faucet** mounted to provide for a flexible **coupling**. SOLUTION: Hot water **faucet** used for thinning the softness of the flexible tube and flexible tube 4 is formed into corrugations, no crack (cut) four layer **structure** consisting of a protective cover 3 are mounted, axially to the end of the flexible tube 4 corrugations collapse flat furekitsuba outer diameter surface of a packing nut 1 screwed relates to a dedicated connection, a dedicated sheet 2 mounted on a back side of the product intensity furekitsuba unit can be maintained, and processability, are markedly improved aesthetics. SELECTED DRAWING: Fig. 1

Inventors

BABA HIDEAKI

Terumi Mitani

Latest standardized assignees - inventors removed

TAIFUREKKUSU

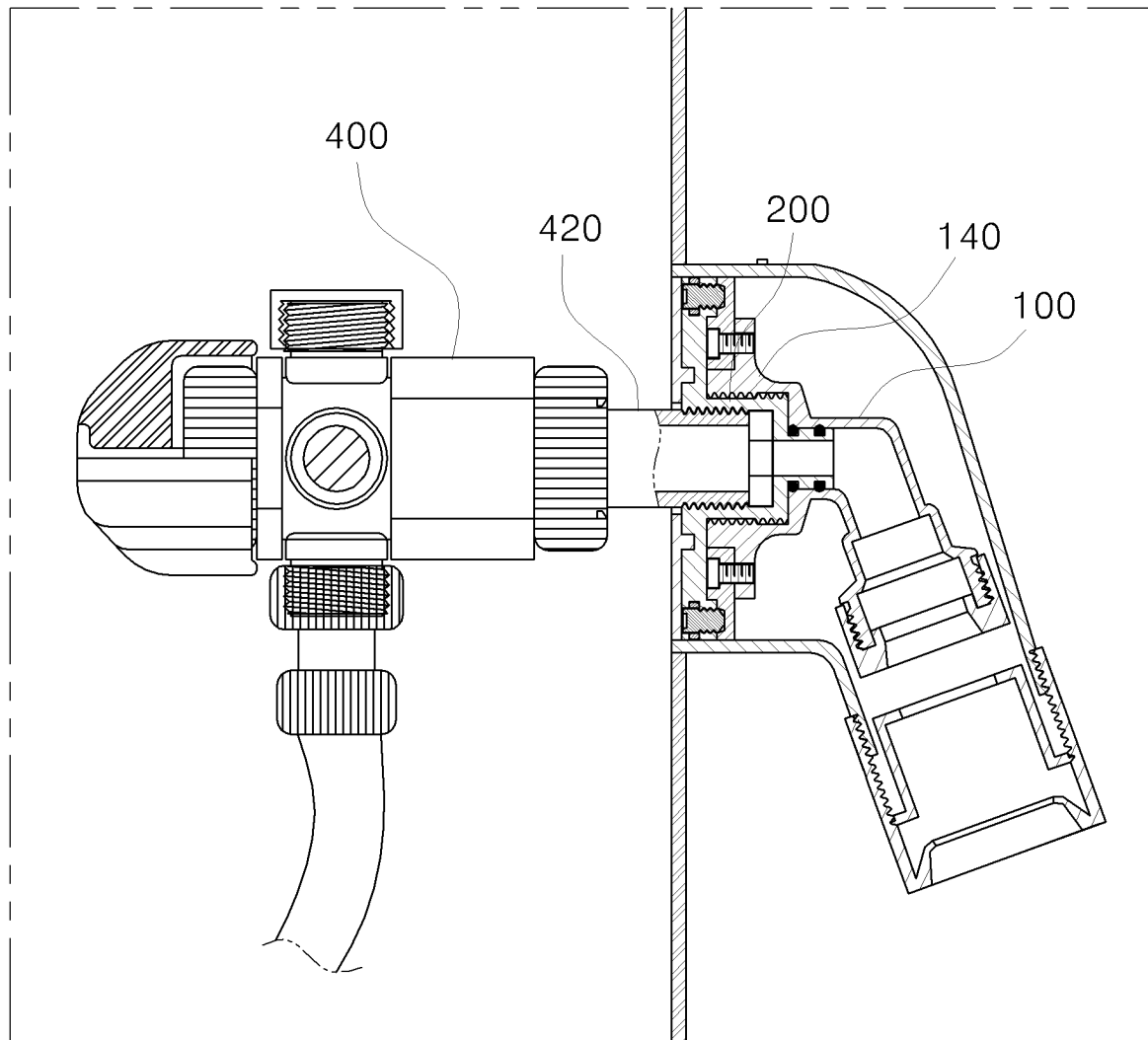
Technology domains

Mechanical elements

Family 42/100 - FAMPAT - ©Questel

Title

(KR101440572)

Faucet | coupling **structure****Images****Publication data including kind & date**[KR101440572](#)

B1 2014-09-15 KR101440572

**Abstract**

(KR101440572)

The present invention relates to a connection **structure** of a **faucet** which enables angle adjustment. The connection **structure** of a **faucet** includes a **faucet** (400) in which a fastening pipe (420) is formed at one side to discharge water; a connection body (100) having a **coupling** pipe (140) to which the **faucet** (400) is coupled to transfer water supplied from a pipe to the **faucet** (400); and a joint (200) coupled to the **coupling** pipe (140) by a screw and fastened to the fastening pipe (420) to fix the **faucet** (400) to the **coupling** pipe (140), wherein an angle determining plate (300) is formed at the end of the **coupling** pipe (140), and a rotating plate (260) corresponding to the angle determining plate (300) is formed at the joint (200) to adjust an **installation** angle of the **faucet** (400) by rotating the joint to change an angle of the **faucet** (400) and fixing the rotating plate (260) to the angle determining plate (300), such that the **faucet** is rotated to adjust a position to be fixed while the **faucet** is connected to the connection body to maintain watertightness, thereby increasing convenience in installing a **faucet**.

Inventors

KIM, JUN-HO

LEE, DO GYUNG

Latest standardized assignees - inventors removed

KOLON GLOBAL

Technology domains

Civil engineering

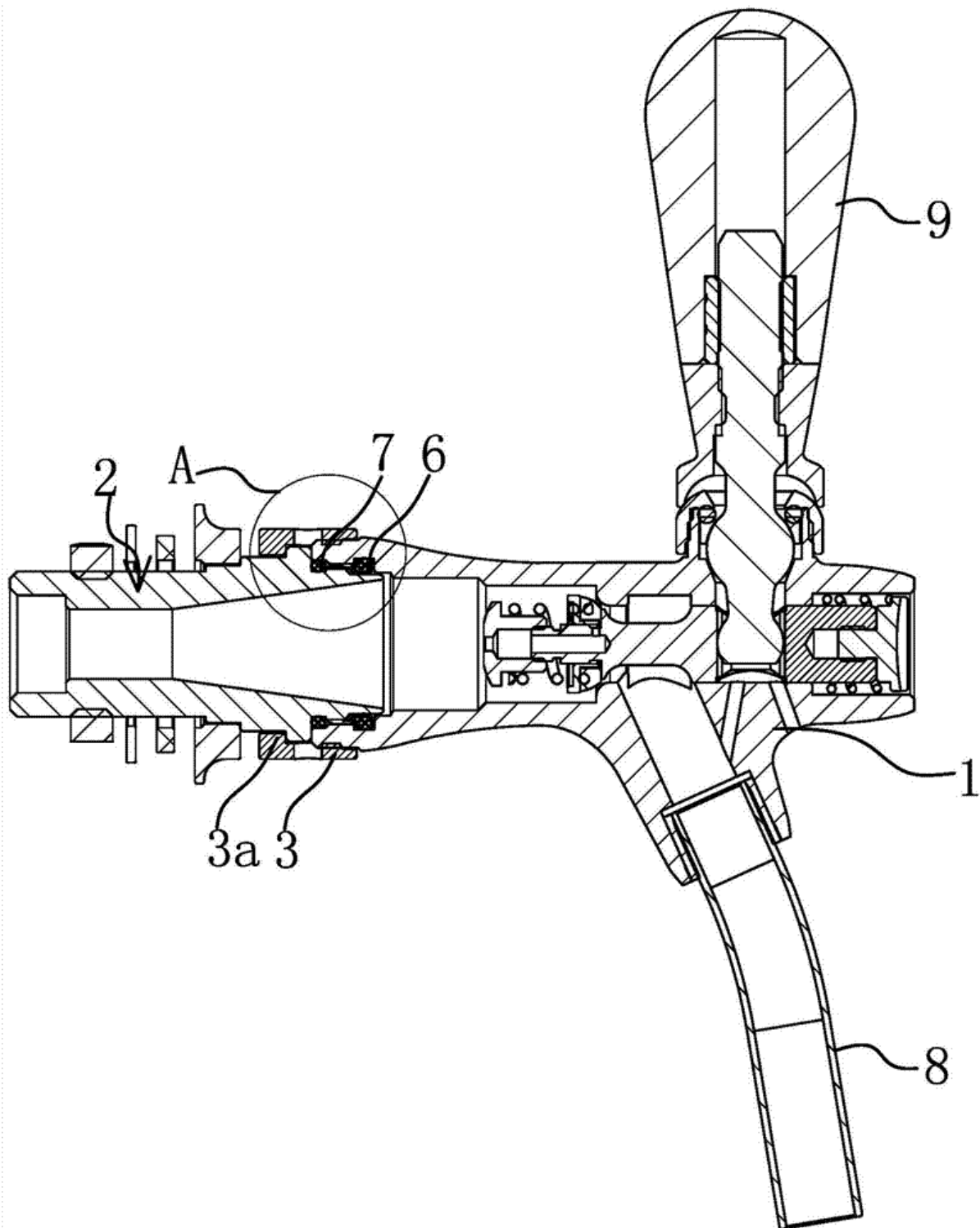
Mechanical elements

Family 43/100 - FAMPAT - ©Questel

Title

(CN105090586)

Faucet and connecting **structure** thereof**Images**



Publication data including kind & date

CN105090586	A	2015-11-25	CN105090586
CN105090586	B	2017-09-15	CN105090586B



Abstract

(CN105090586B)

The invention provides a **faucet** and a connecting **structure** thereof, and belongs to the technical field of drink drinking equipment. The problems that an existing **faucet** is not convenient to mount and unreliable in sealing are solved. The **faucet** of the improved **structure** comprises a valve and a connecting pipe, a thread is arranged on the connecting pipe, and the valve is provided with a connecting end connected with the connecting pipe. The **faucet** is characterized in that the valve and the connecting pipe are fixed through a connecting cap, an inner gear ring is arranged on the inner surface of the connecting end, an outer gear ring engaged with the inner gear ring is arranged on the connecting pipe, and a first sealing ring is arranged between the connecting end of the valve and the connecting pipe. According to the **faucet** of the improve **structure** and the connecting **structure** of the **faucet**, it can be guaranteed that the **faucet** is convenient to mount and

reliable in sealing.

Inventors

QIU DILIN

Latest standardized assignees - inventors removed

TALOS HOLDINGS

Technology domains

Mechanical elements

Family 44/100 - FAMPAT - ©Questel

Title

(EP2868817)

Installation structure of basin

Images

[US20160122982](#)

A1 2016-05-05 US20160122982

[TWI558356](#)

B 2016-11-21 TWI558356

**Abstract**

(EP2868817)

The present invention discloses a basin mounting **structure** comprising a basin body (1), a set tube (2) disposed on the basin body (1), a **coupling** connector detachably connected to the set tube (2), and a positioning device for restricting the vertical movement of the **coupling** connector relative to the set tube (2). By disposing the set tube (2) on the basin body (1) and providing the **coupling** connector detachably connected to the set tube (2), when a **faucet** (4) will be mounted on the basin body (1), it is only necessary to place the **coupling** connector connected to the **faucet** (4) and/or a hose (5) into the set tube (2) and to position the **coupling** connector, and when the **faucet** (4) need to be detached, it is only necessary to make the positioning device to be free from restriction.

Inventors

WANG ZHANGMING

Latest standardized assignees - inventors removed

NINGBO HIGH TECHNOLOGY ZONE DENGGAO SANITARY WARE

Technology domains

Civil engineering

Furniture, games

Mechanical elements

Family 45/100 - FAMPAT - ©Questel

Title

(EP1856337)

Faucet assembly with integral water supply shut-off valve**Images**

or similar fixture without the need to manually turn the supply lines off and on. The faucet head is removable from the base, which stays attached to the fixture. The shut-off valves are each comprised of a normally-closed valve assembly, and the faucet head has corresponding actuators that engage and open each valve assembly, enabling water flow to the faucet head as it is installed onto the base. The faucet apparatus further comprises an attachment means for mounting the base within a fixture. An alternate embodiment has a base comprising an additional passage for allowing installation of low-voltage conductors and electrical connections to enable features such as automatic faucet actuation.

Inventors

HUBER DONALD G

BROWN SCOTT

Latest standardized assignees - inventors removed

SWIFTOP

Technology domains

Civil engineering

Mechanical elements

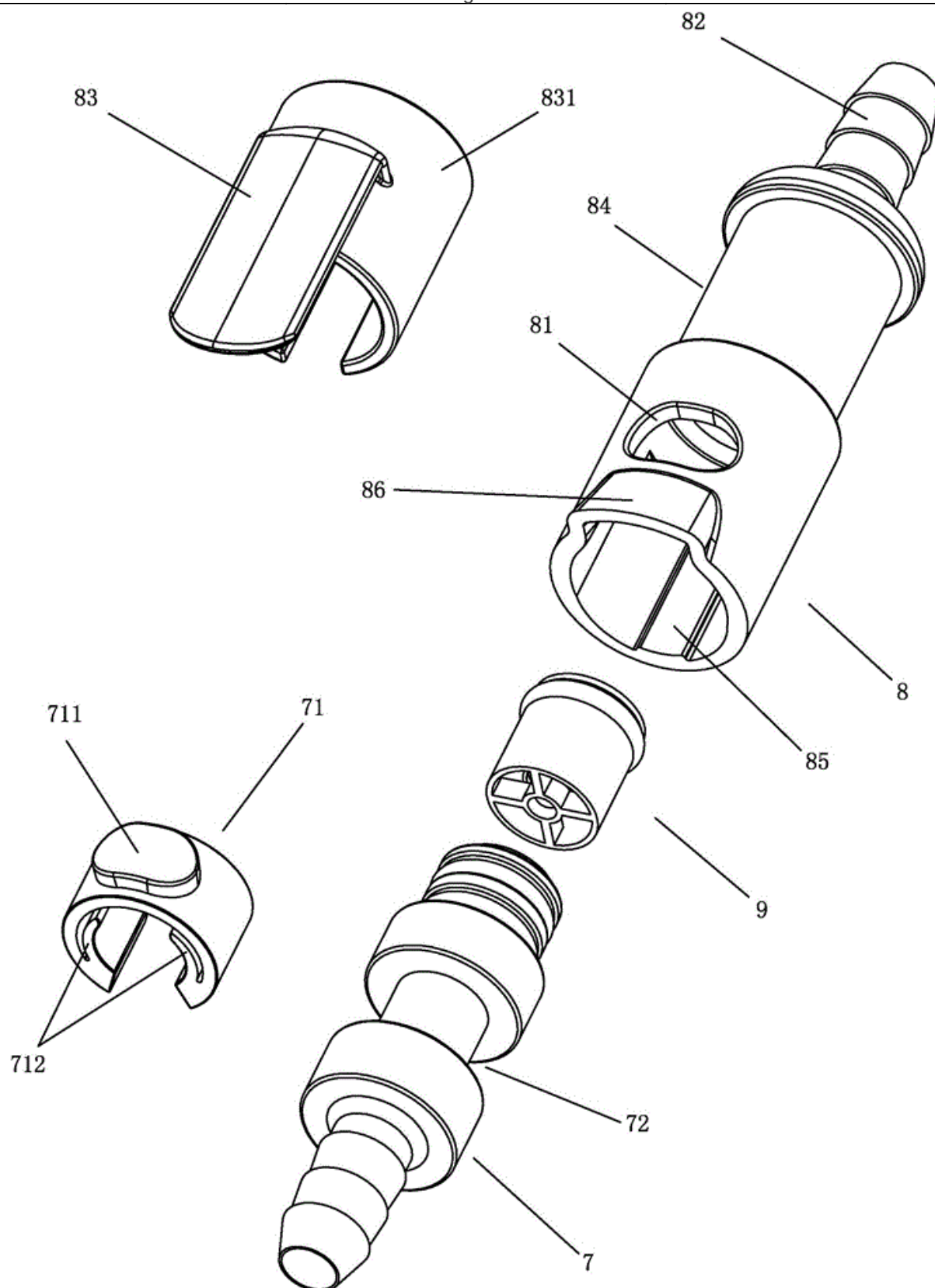
Family 46/100 - FAMPAT - ©Questel

Title

(CN208750232U)

Suction pull faucet quick connect faucet structure then draw pull and fast

Images

**Publication data including kind & date**

CN208750232

U

2019-04-16

CN208750232U

**Abstract**

(CN208750232U)

The present utility model discloses a suction pull **faucet** quick connect and quick then draw-pull tap **structure**, wherein the bottom part of the quick connect **faucet** includes a male connector and female connector for sealing of the intake pipe is inserted, is located within the female connector further comprises a check valve in communication with the male connector raceway, the outer wall is provided with a resilient positioning the male connector with the clip, the raised detent rib has a resilient positioning clips, the female connector are provided with matching positioning of the raised clamping position

through a clamping hole, then the mother **structure** and the outer wall seals against the check valve has a cylindrical inner wall fitting, is provided with a water intake opening and an outlet hole at both ends of a check valve, normally closed check valve is provided with a water inlet hole and resiliently return to the heart block. The present novel quick connect **faucet** to the withdrawal of the clamp spring designed with innovative, easy jam plug-in connection, and the positioning is not retracted, whereby the engagement of detent bumps through pressing of the joint connection, which may be of small volume through a **faucet** nuts and a fine space, which is very convenient operation, and which can prevent water countertlow and drip, water leakage.

Inventors

LEI SHIKE

Latest standardized assignees - inventors removed

KAIPING GEM PLUMBING FITTINGS

Technology domains

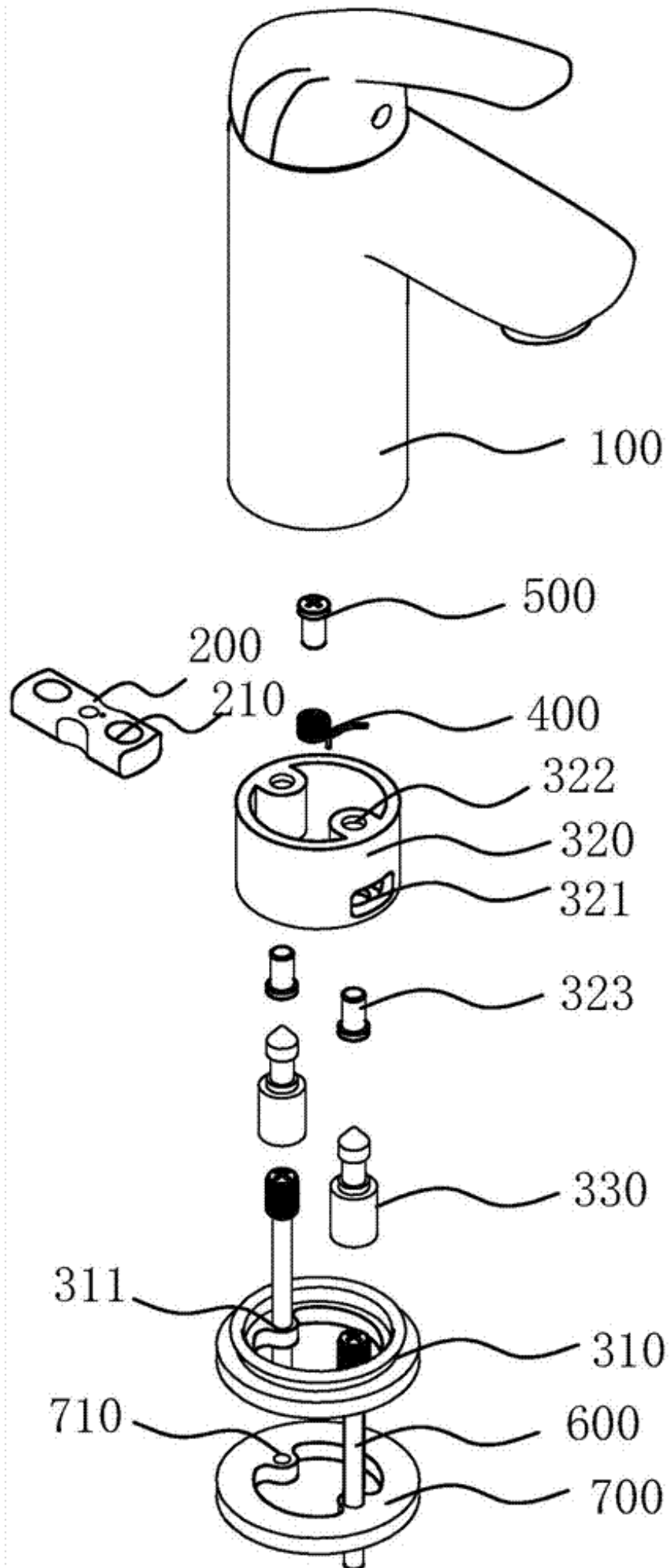
Mechanical elements

Family 47/100 - FAMPAT - ©Questel

Title

(CN109296034)

Convenient way of a **faucet** mounting **structure****Images**



Publication data including kind & date

CN109296034

A 2019-02-01 CN109296034

**Abstract**

(CN109296034)

The present invention discloses a convenient faucet mounting structure, includes a faucet body, a quick load switch and a mounting seat: a quick load switch comprises at least two mounting holes; mount includes a faucet mount, a snap-fit switch mounting base and at least two quick connect coupling studs; faucet body mounted on the mounting seat external, a faucet body includes a quick hole, the quick switch card is arranged within the quick hole, and through mounting holes for attaching the mount to faster. The present invention is provided between the tap body and the mounting seat through quick switch structure, the user presses the snap-fit through the faucet body is mounted or demounted quickly switch is for mounting the seat above; through a quick load switch is provided with a spring can be implemented to quickly reset switch is a snap-fit, snap fit is achieved, at the same time can be avoided using the spring force of the inadvertent pushing a quick load switch a quick load switch causes backlash between the faucet body and mounting bracket, make the structure more stable.

Inventors

XU JIANGUANG

ZHOU PINGAN

Latest standardized assignees - inventors removed

ZHEJIANG OULIN HEALTHY LIFE TECHNOLOGY

Technology domains

Civil engineering

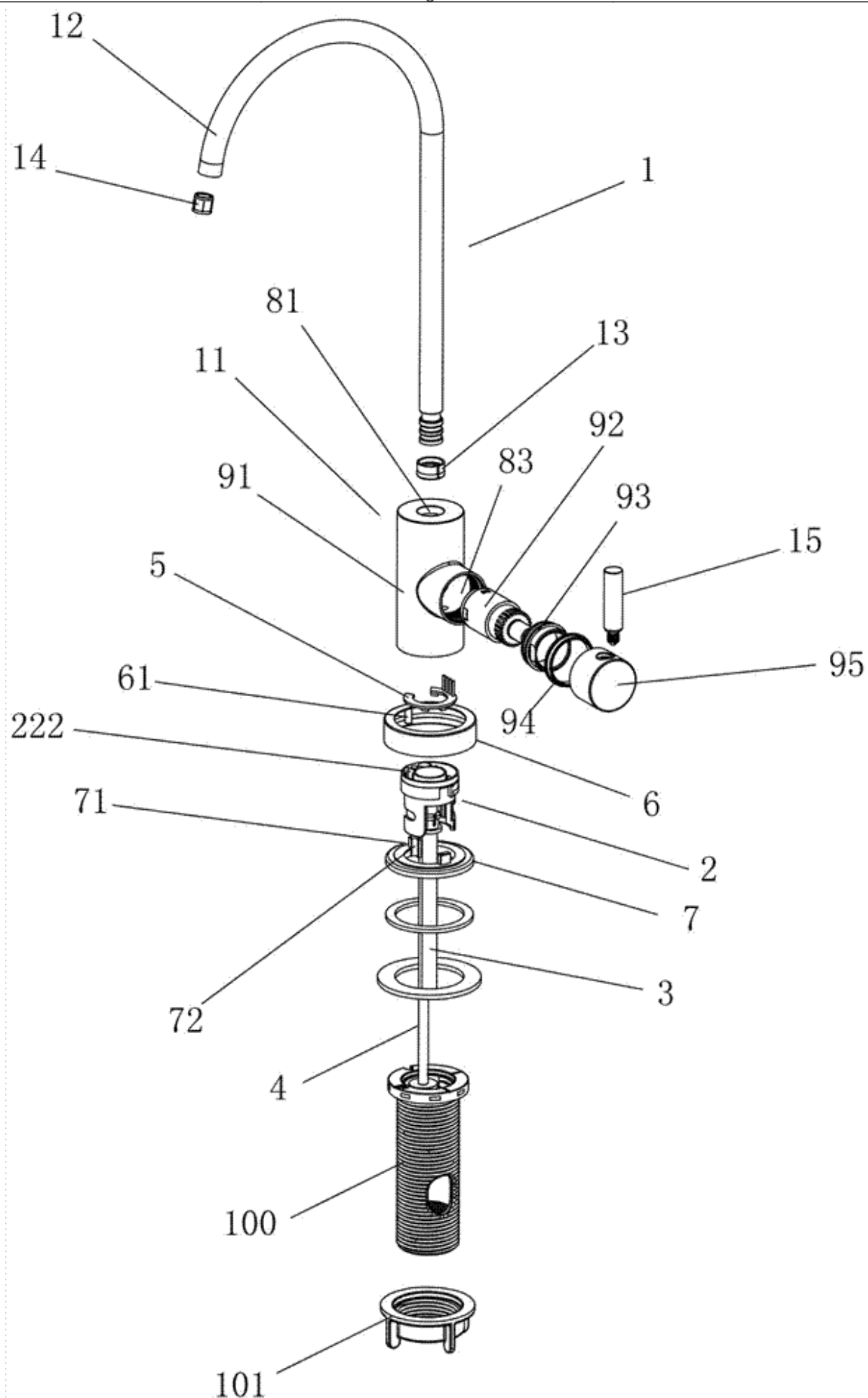
Family 48/100 - FAMPAT - ©Questel

Title

(CN108119689)

Faucet structure

Images



(CN108119689)

The invention discloses a **faucet structure** which comprises a **faucet** body and a base. A lead plug and a drainage pipe are arranged on the base. The base is detachably installed at the lower portion of the **faucet** body. The **faucet structure** further comprises a circuit board, a pressing plate and a lamp band. The circuit board is arranged on the base and arranged between the base and the **faucet** body, the outer wall of the base is sleeved with the pressing plate and the lamp band separately, and the circuit board and the lamp band are electrically connected with the lead plug separately; according to the **faucet structure**, due to the fact that the **faucet** body and the base are detachably connected, during **installation**, the **faucet** body and the base are installed at the upper and lower portions of the tabletop respectively and connected and fixed to the tabletop through a connecting piece, the whole process is simple and easy, and operation can be completed by one person, and a user can assemble and disassemble the **structure** conveniently; then, by additionally arranging the lamp band, an electrical apparatus element is arranged on the **faucet**, the function extension and application of the product are improved to a certain degree, product application and popularization are facilitated, and the **faucet structure** is simple and reasonable in **structure**.

Inventors

CHEN XIAOPING

Latest standardized assignees - inventors removed

FOSHAN YUNMI ELECTRICAL TECHNOLOGY

BEIJING XIAOMI MOBILE SOFTWARE

Technology domains

Chemical engineering

Mechanical elements

Family 49/100 - FAMPAT - ©Questel

Title

(WO2009146584)

A **faucet** body mounting **structure**

Images

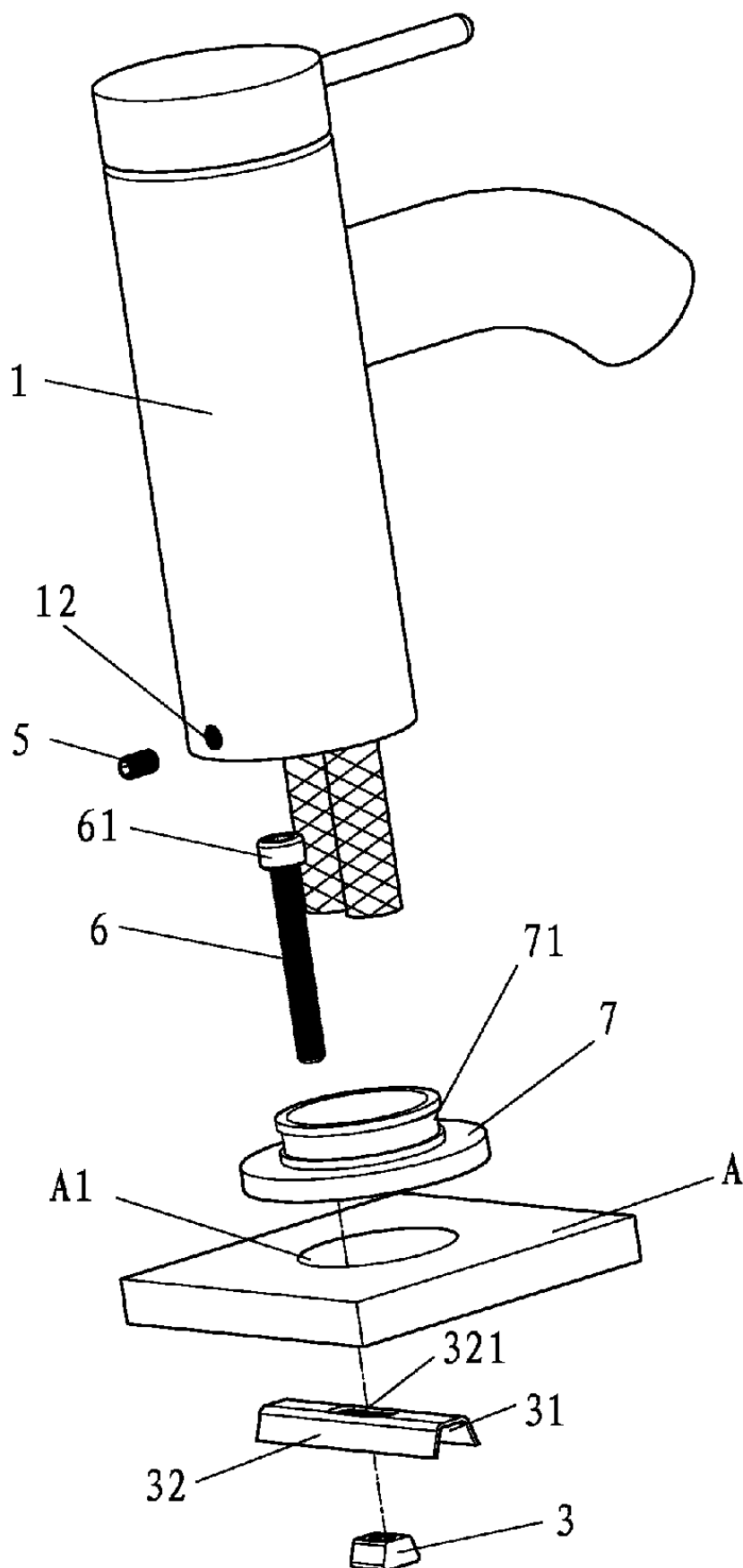


图7 / Fig. 7

WO2009146584

A1 2009-12-10 WO2009146584

Abstract

(WO2009146584)

A **faucet** body mounting **structure** includes a **faucet** body (1), a connector and locking pieces. The locking pieces include a first locking piece arranged below the tabletop and a second locking piece arranged above the tabletop. The connector is fixed to the tabletop by the locking pieces. A fixing hole (12) is provided on the side of the **faucet** body (1). The **faucet** body (1) sockets around the connector or the locking pieces. A fixing element (5) is fixed to the connector or the locking pieces through the fixing hole (12) of the **faucet** body (1). The **faucet** body (1) is axially fixed to the tabletop by means of the connector and the locking pieces, then the fixing element (5) is fixed to the connector or the locking pieces through the fixing hole(12), so that the **faucet** body (1) is fixed to the tabletop firmly. The mounting **structure** is operated completely above the tabletop and is tightened in the horizontal direction, so that the operating room for a tool is large and it is easy to fix the **faucet** body (1).

Inventors

LIN LIWEI

Technology domains

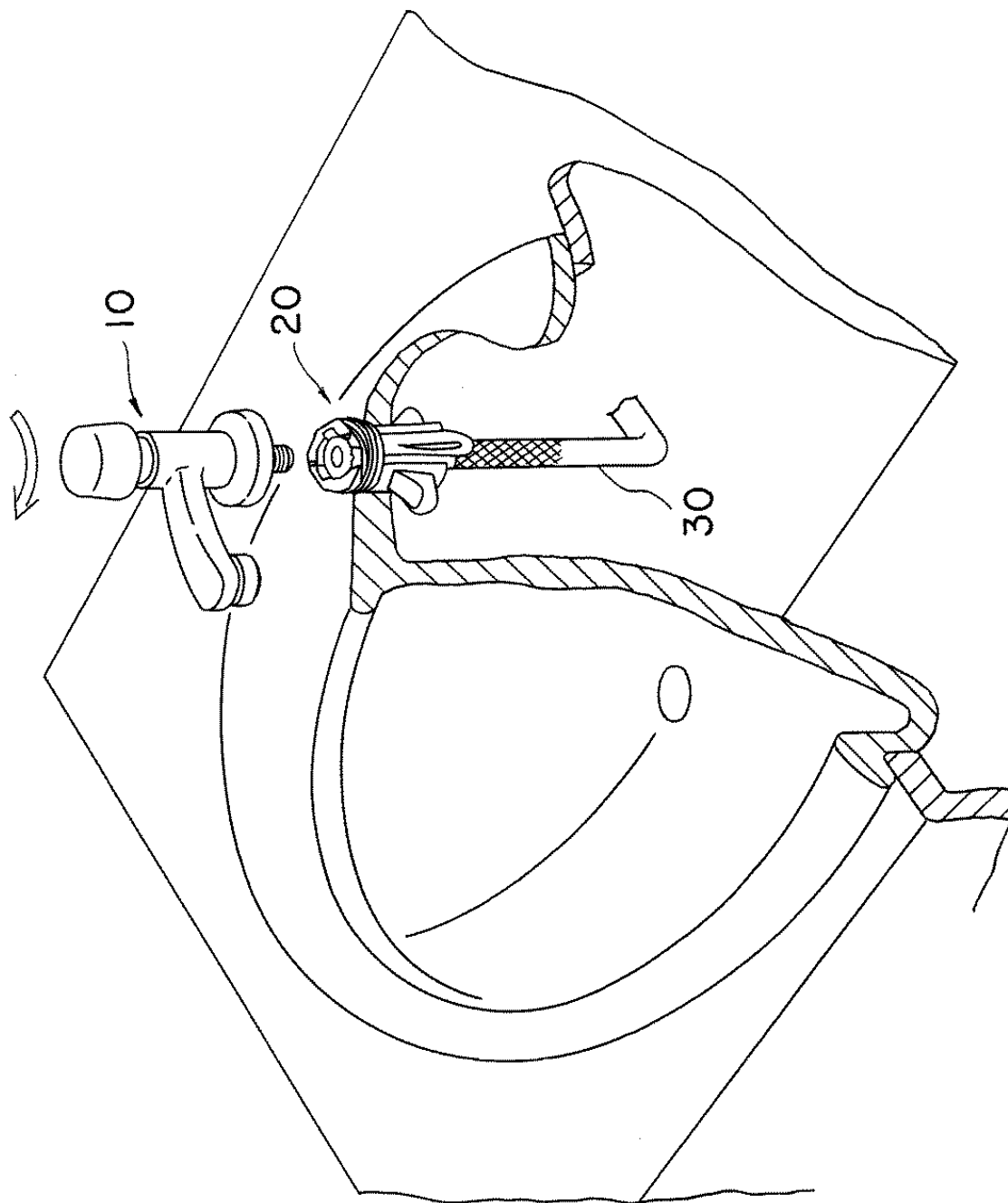
Furniture, games

Family 50/100 - FAMPAT - ©Questel

Title

(JP2002206263)

Washing **faucet****Images**



Publication data including kind & date

[JP2002206263](#)

A 2002-07-26

JP2002206263

[JP4498621](#)

B2 2010-04-23

JP4498621



Abstract

(JP4498621)

PROBLEM TO BE SOLVED: To provide a washing **faucet** for which the **installation** of a pedestal can be performed at the top of a washing stand or the like. SOLUTION: In a washing **faucet** having a pedestal portion 20 to be fixed to a target of attachment such as a washing stand, a pipe attaching member 30 for fixing a water suction pipe at the bottom side of the pedestal, and a gooseneck 10, the pedestal portion is provided with a linking construction for fixing the gooseneck at the outer periphery, it forms a ring-shaped collar 21 linked to an attaching hole provided at the attaching target, and has a cylindrical shape and suspended from the ring-shaped collar portion, a cylindrical member threaded on the outer periphery with a diameter slightly smaller than that of the cylindrical space threaded on the inner cylindrical space is screwed and then a plurality of protruded members are pushed out as a movable member 23, and the pipe attaching member has a threaded portion 31b functioning as the cylindrical member a flange portion 31a connected to the threaded portion and housed in the ring-shaped collar section at the pedestal section, and a **coupling** portion connected to a water absorbing pile as the features of this washing **faucet**.

Inventors

KODAIRA MAKOTO

NAKAJIMA NOBORU

Hidetaka Tsutsui

Latest standardized assignees - inventors removed

URO ELECTRONICS

Technology domains

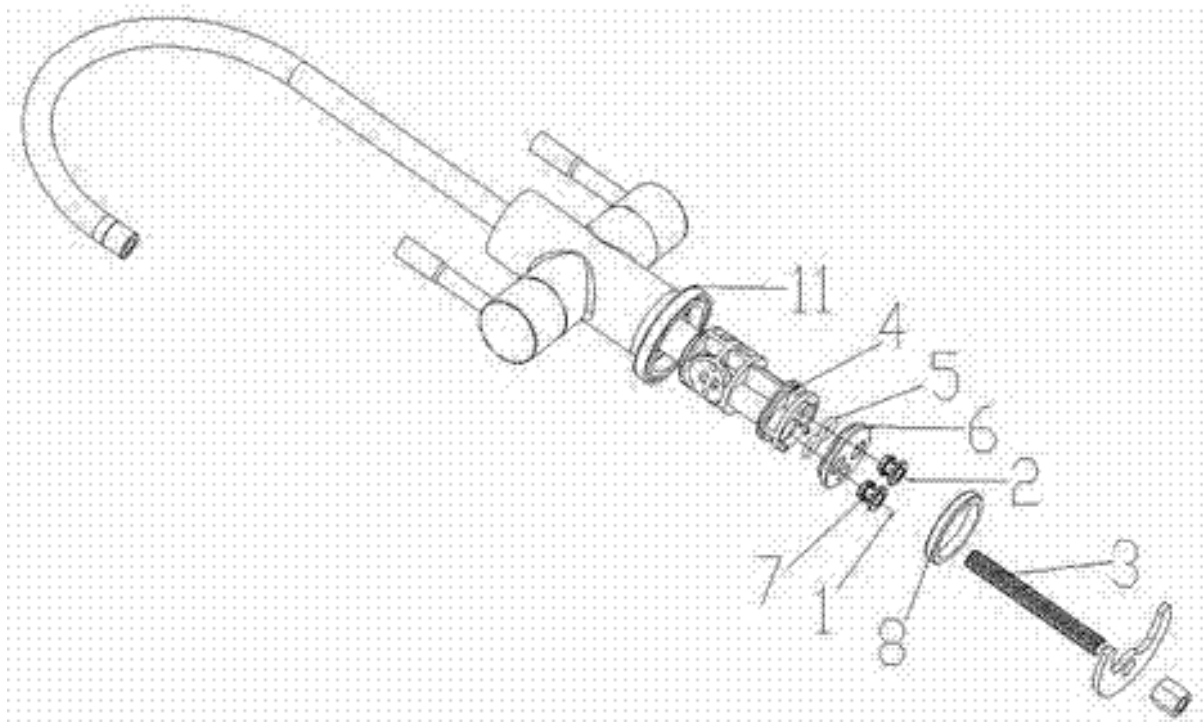
Civil engineering

Furniture, games

Family 51/100 - FAMPAT - ©Questel

Title

(CN206681086U)

Realize **faucet structure** of quick **installation** of inlet tube**Images****Publication data including kind & date**[CN206681086](#)

U

2017-11-28

CN206681086U

**Abstract**

(CN206681086U)

The utility model relates to a realize **faucet structure** of quick **installation** of inlet tube, it includes main body cover, cross water inner core main part, bottom plate and tap **installation** clamping screw, it has at least one inlet tube step hole in the water inner core main part to cross, the watertight seal circle sets up downtheholely at this inlet tube step, it leads positive hole to be equipped with the conical surface on the bottom plate, positive hole was led to the conical surface position and quantity corresponded the inlet tube step hole in the water inner core main part respectively, and it is concentric rather than the inlet tube step hole of crossing in the water inner core main part that corresponds that positive hole is led to the conical surface on the bottom plate, the just downthehole quick **installation** shell fragment jack catch that is equipped with is led to the conical surface, install fast to be equipped with on the shell fragment jack catch and lead the endocentric inlet tube through hole in positive hole with the conical surface. The utility model discloses a **faucet structure**, simple **structure** and stable, it is convenient with the inlet tube tube **coupling**, can install the inlet tube earlier on the mesa, fixed tap is all right under the mesa again. When especially relating to the multiunit and advancing water piping connection, it is more simple, swift, convenient, reliable, do not receive **installation** space and position constraint under the mesa.

Inventors

DENG HUAGUO

CHEN SUGUANG

QIAN BIN

CENG RONG

Latest standardized assignees - inventors removed

YUHUAN YUZHONG WATER HEATING TECHNOLOGY

Technology domains

Civil engineering

Mechanical elements

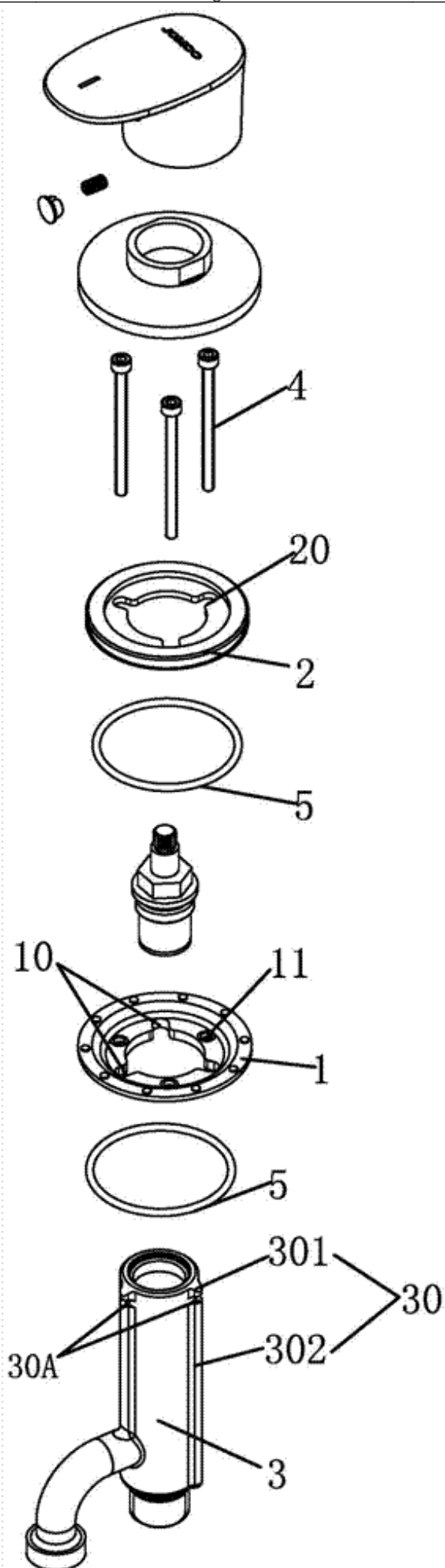
Family 52/100 - FAMPAT - ©Questel

Title

(CN105064466)

Locking mechanism mounted from above faucet mounting table facet and mounting method of locking mechanism

Images



Publication data including kind & date

CN105064466	A	2015-11-18	CN105064466
CN105064466	B	2017-12-26	CN105064466B

**Abstract**

(CN105064466B)

The invention discloses a locking mechanism mounted from above a **faucet** mounting table facet and a mounting method of the locking mechanism. The locking mechanism comprises a locking block, a clamping ring and a connection piece which penetrates through the clamping ring and is connected with the locking block, wherein the locking block is arranged on the outer wall of a **faucet** body in a sleeving manner and located below a **faucet** mounting surface; the clamping ring is nested into the **faucet** body and is connected above the **faucet** mounting surface through a suspension **structure**, and the clamping ring is nested into the **faucet** body and is rotated by a certain angle circumferentially so as to drive the **faucet** body to be suspended on the clamping ring; the connection piece penetrates through the clamping ring and the **faucet** mounting surface, is adaptive to a hole in the locking block and is driven to drive the locking block to move, so that the clamping ring and the locking block clamp the **faucet** mounting surface. The locking mechanism is simple in **structure** and easy to implement, is more visual because of the manner of mounting above the **faucet** mounting surface and can be effectively mounted, and the mounting efficiency is substantially improved.

Inventors

LIN XIAOFA

LIN XIAOSHAN

JIN LEI

JIANG QIANYIN

LIAO SHENGSHANG

Latest standardized assignees - inventors removed

JIUMU KITCHEN & BATH

Technology domains

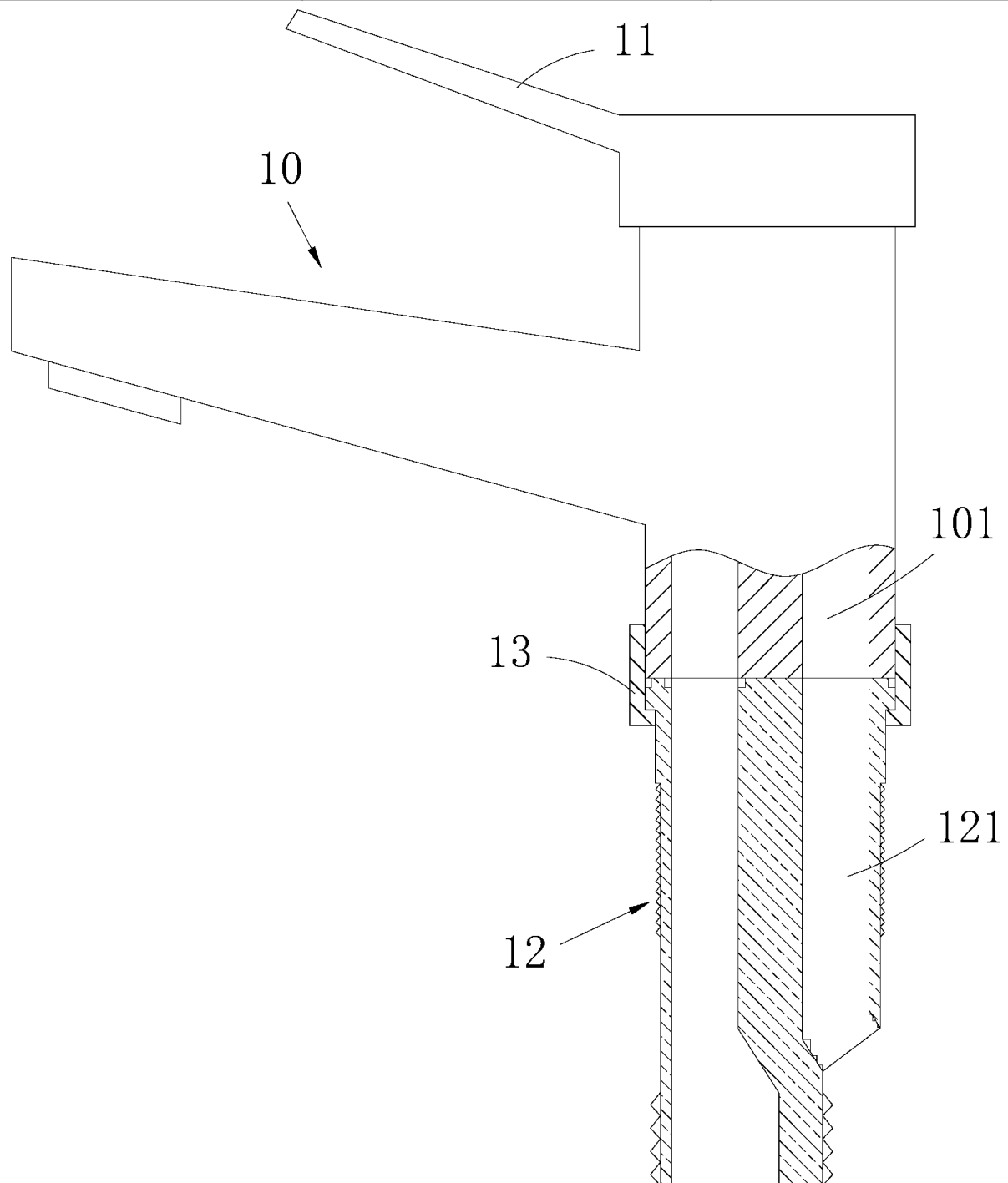
Civil engineering

Family 53/100 - FAMPAT - ©Questel

Title

(CN204493829U)

Cold and hot dual-use **faucet structure****Images**



Publication data including kind & date

CN204493829	U	2015-07-22	CN204493829U
TWM527050	U	2016-08-11	TWM527050
HK1215517	A2	2016-08-26	HK1215517



Abstract

(CN204493829U)

The utility model relates to the technical field of faucets and discloses a cold and hot dual-use **faucet structure**. The **structure** comprises a **faucet** body and a connecting pipe, two flow channels are formed inside the **faucet** body, and the flow channels penetrate through the lower end of the **faucet** body and form water inlets; two through cavities are formed in the connecting pipe, the through cavities penetrate through the connecting pipe and form an upper end opening and a lower end opening respectively, and the connecting pipe is connected to the lower end of the **faucet** body in a butt joint mode. According to the **faucet structure**, no independent **structure** needs to be arranged in the **faucet** body for being connected with the connecting pipe, the **structure** is simple, no professional personnel are needed to conduct the operation, and the operation is convenient and fast; the lower end opening of the through cavities is directly connected with a water pipe, the upper end opening is aligned with the water inlets of the two flow channels, the cold water and hot water in the

water pipe can flow into the **faucet** body, no braided tube is needed for connection, and the cost is saved; when the **faucet** body needs to be replaced, no professional tools are needed, the connecting pipe can be directly operated on a wash basin, the **faucet** body and the connecting pipe are not needed to be replaced simultaneously, and the connecting pipe can be used repeatedly.

Inventors

XU JIANHUA

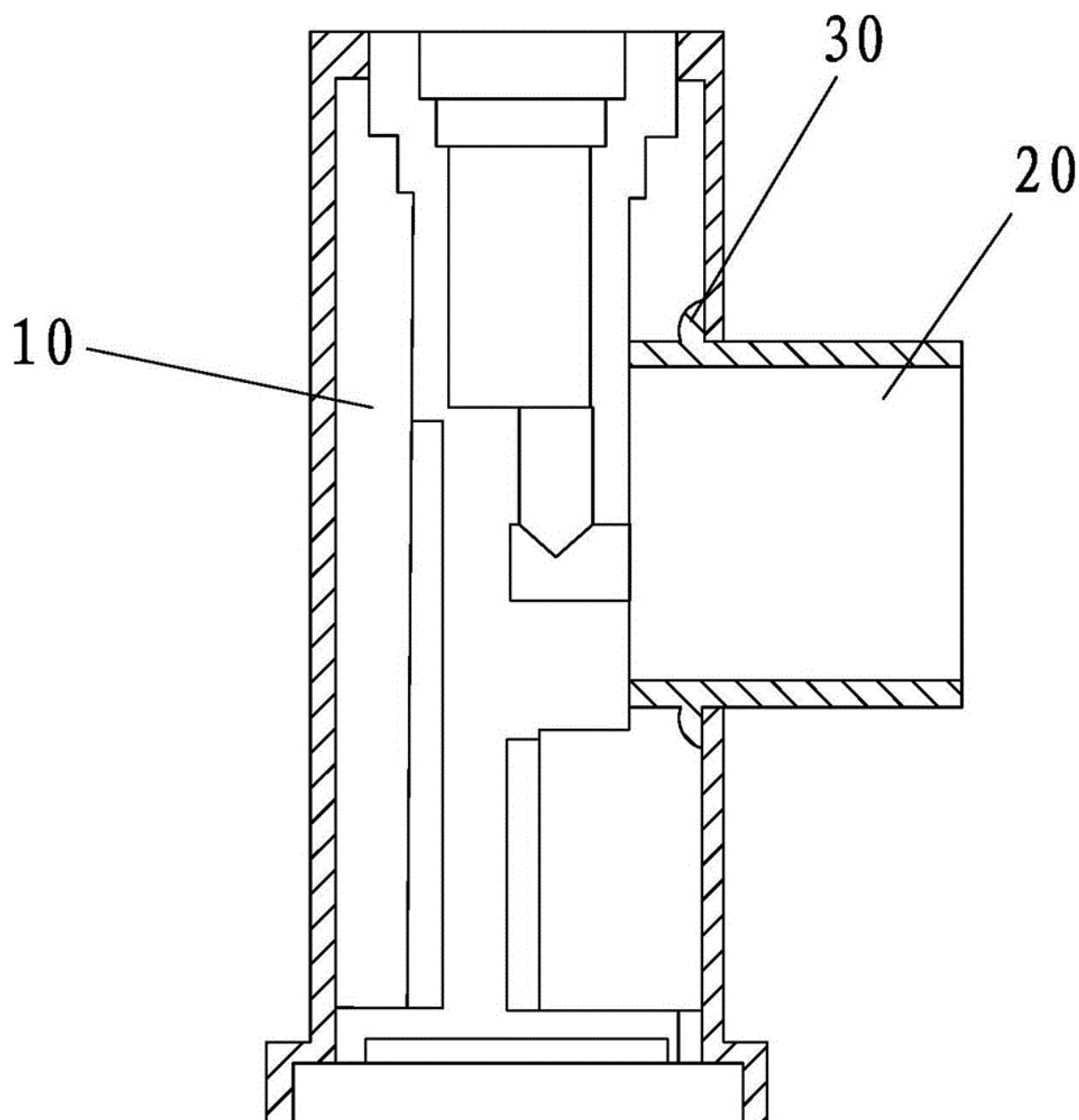
Technology domains

Mechanical elements

Family 54/100 - FAMPAT - ©Questel

Title

(CN208651740U)

Split-type **faucet** and an **installation** tool**Images****Publication data including kind & date**[CN208651740](#)

U

2019-03-26

CN208651740U

**Abstract**

(CN208651740U)

The present utility model discloses a split-type faucets, a **faucet** valve body and valve seat include, post and a connector

pipe of the **faucet** valve body includes a separately provided, a valve seat mounted on a panel-within, for insertion of the communication holes are formed on panel-epoxy cast, post and a connector pipe after **installation** of the convex outer side wall is provided with a **coupling** sleeve through its own , T-shaped post and a connector pipe after being connected with. As compared with the conventional technology, since the post and the connecting tube are arranged separately, in comparison with the integrally molded valve body of the **faucet**, the **faucet** valve body of the valve body is set to be provided separately from the production thereof easy to faucets, more cost effective, and environmentally friendly, attractive as a whole. The present utility model provides a split-type **faucet installation** tool.

Inventors

HONG YUEJIN

Technology domains

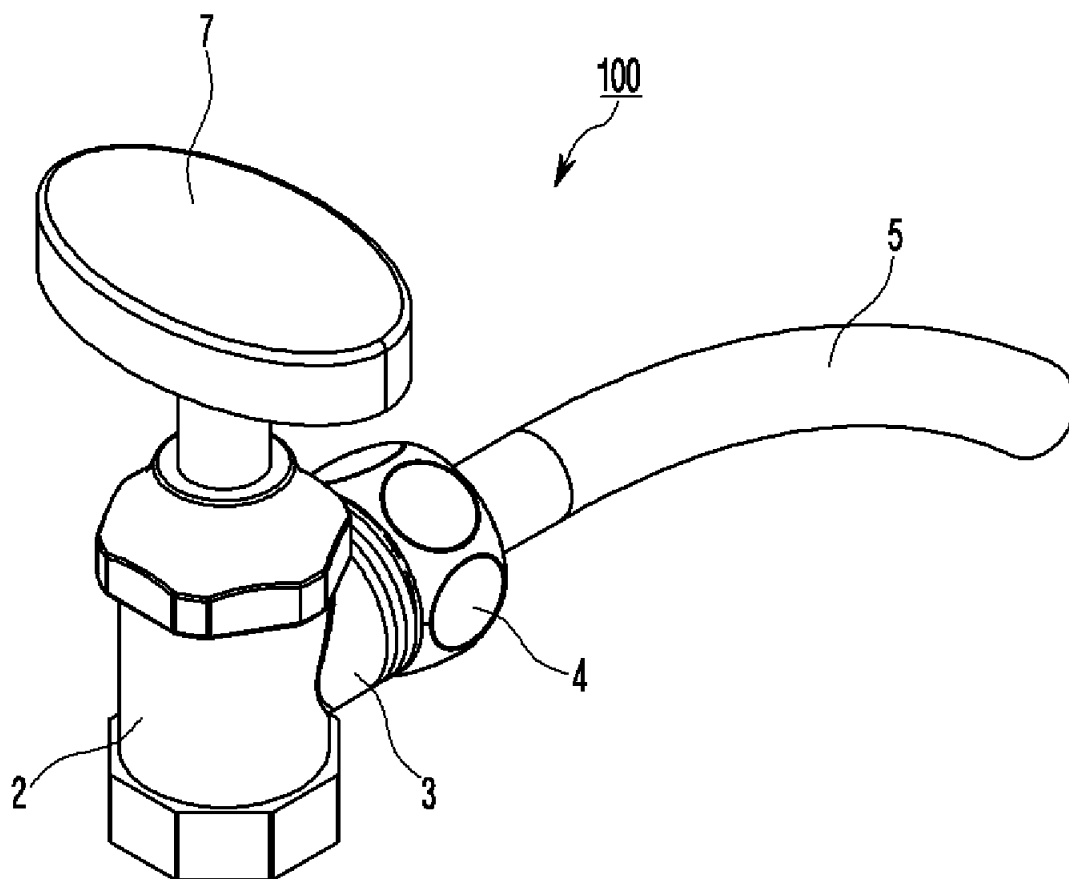
Machine tools

Mechanical elements

Family 55/100 - FAMPAT - ©Questel

Title

(KR200488794U)

Backward preventing apparatus of the drain pipe for **Faucet****Images****Publication data including kind & date**

KR20180002657	U	2018-09-11	KR20180002657U
KR20-0488794	Y1	2019-03-19	KR200488794U

**Abstract**

(KR200488794U)

This invention relates to a device for a **faucet** as a check valve, and more particularly to a piping connected to the outlet of

the (3) valve body (2) for backflow prevention is provided on the housing to a packing (10), a packing for (10) preventing backflow of the upper portion of the high pressure (5) hose connected to the power receiving connector (20) is connected to the outlet (3) **coupling** is provided with a fixed nut screw (4) installed; packing (10) for preventing backflow of the working space (12) inside the bottom center of the shaft hole (13), conformal to the outer periphery of the flow (14) passage formed through the body (11) position and packing, the packing body is inserted into the shaft (16) of the brush on the outside of the upper part is inclined in the direction of action of the pressure in the form of a spread out along the direction of the flow (14) path while opening and closing operation with a whistle or open and close unit (12) having a switching side (15) wings (17) which consists of an assembly provided with a simple **structure** and excellent workability, among other things shower **faucet** of the sink channel (14) and locked after use of the packing body with a high pressure hose for automatically opening and closing operation portion (12) remains inside the closed water pipe is prevented from flowing back to the prior art to prevent contamination of the interior of the high pressure hose or tubing to minimize the occurrence scale used because of its excellent reliability provided therefor.

Inventors

SONG, YOUNG KEUN

Technology domains

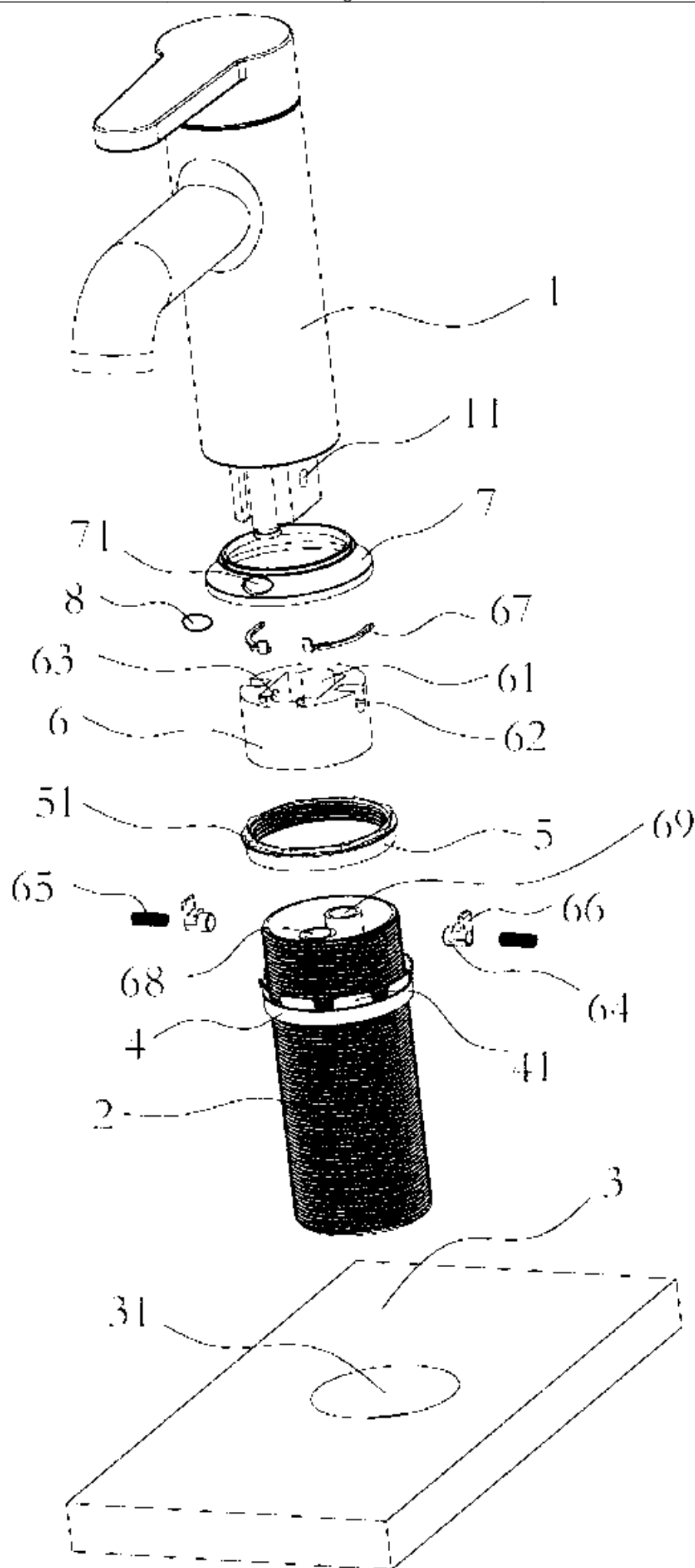
Civil engineering

Family 56/100 - FAMPAT - ©Questel

Title

(CN203452140U)

Faucet installing **structure****Images**



Publication data including kind & date

CN203452140

U

2014-02-26

CN203452140U

**Abstract**

(CN203452140U)

The utility model relates to a **faucet** installing **structure** which comprises a copper pin connected with the water inlet end of a **faucet** body, wherein the copper pin is arranged in an installing hole of an installing table board. The **faucet** installing **structure** is characterized in that a connecting ring is connected to the outer peripheral part of the copper pin, at least two elastic sheets are uniformly arranged at the peripheral side of the connecting ring, the upper parts of the elastic sheets are outwards bent so that the sections of the elastic sheets are arc-shaped, and the lower parts of the elastic sheets are connected with the connecting ring. According to the **faucet** installing **structure**, a **faucet** is conveniently and rapidly installed, and the installing difficulty is reduced.

Inventors

ZHENG SHIMING

LI ZHANGSHENG

Latest standardized assignees - inventors removed

RUNNER

Technology domains

Civil engineering

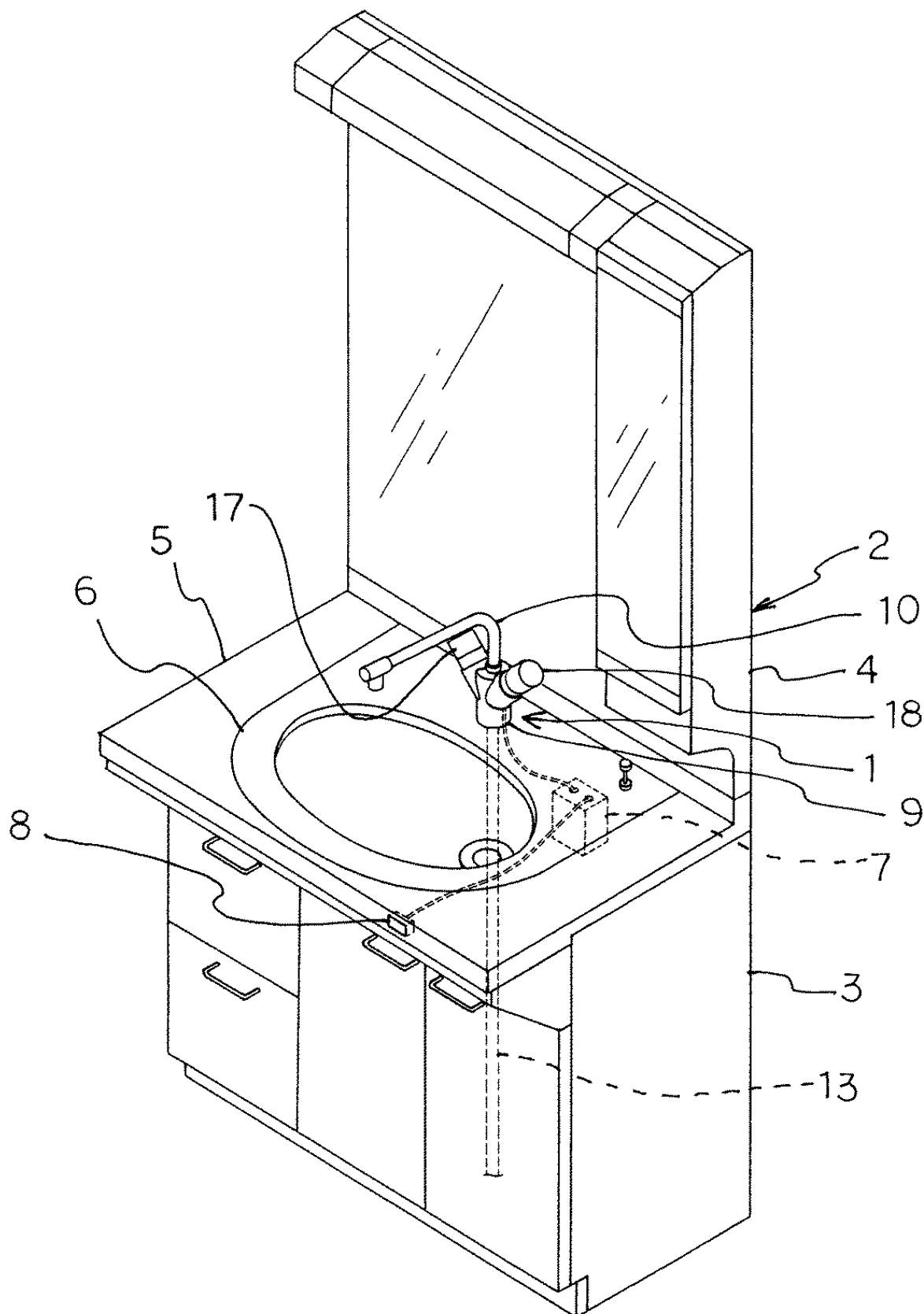
Mechanical elements

Family 57/100 - FAMPAT - ©Questel

Title

(JP2003213746)

Automatic **faucet****Images**

**Publication data including kind & date**[JP2003213746](#)

A 2003-07-30 JP2003213746

[JP3757869](#)

B2 2006-01-13 JP3757869

**Abstract**

(JP3757869)

PROBLEM TO BE SOLVED: To overcome inconveniences of a conventional automatic faucet, i.e., an inconvenience of poor setting workability and poor maintenance of on-off valves of the faucet, the inconvenience being causing by arrangement of the on-off valves for spouting/stopping water at base-side ends of a water supply pipe and a hot water

supply pipe which are branched in the indoor side of a house, and an inconvenience of provision of the two on-off valves, thereby resulting in increase in cost, and to provide a new automatic **faucet** which is improved in setting workability and maintenance and produced at a low cost.

SOLUTION: According to the **structure** of the automatic **faucet**, a flow rate adjusting section (16) for adjusting the discharge rate is formed in a **faucet** body (9), and an on-off valve (14) is housed in the flow rate adjusting section (16).

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Inventors

HONDA TADAHIRO

Koki Naoko

Latest standardized assignees - inventors removed

TOTO

Technology domains

Civil engineering

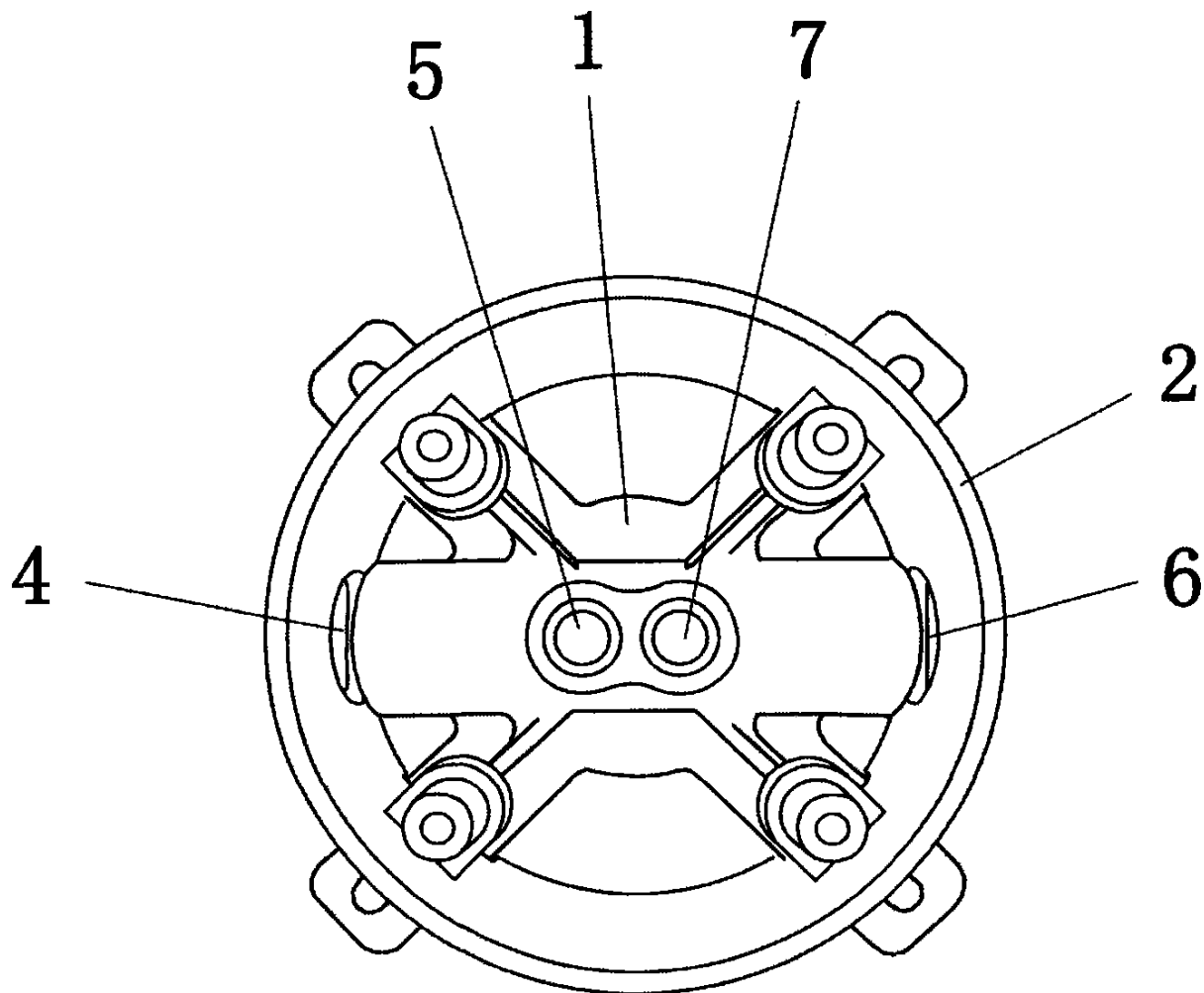
Family 58/100 - FAMPAT - ©Questel

Title

(CN203113443U)

Floor type **faucet** concealed **installation** case

Images



Publication data including kind & date

[CN203113443](#)

U 2013-08-07 CN203113443U



Abstract

(CN203113443U)

The utility model discloses a floor type **faucet** concealed **installation** case, which is characterized by comprising an embedded part, a case body and a case cover, wherein a cold water channel and a hot water channel are arranged on the

embedded part; the case body is fixed on the embedded part; and further, the case cover is locked onto the embedded part through hexagon socket head cap screws, covers the case body, and avoids stoppage of a pipeline during construction. Compared with the prior art, the floor type **faucet** concealed **installation** case has the advantages that the case is mainly used in a rough house for conveniently testing water seepage at the connection part; the **installation** is simple and convenient; the **structure** is simple; and the design is reasonable.

Inventors

LI JIE

Technology domains

Civil engineering

Family 59/100 - FAMPAT - ©Questel

Title

(US6792629)

System and technique for mounting a **faucet****Images**

(US6792629)

A **faucet** mounting system includes a trim member to which a **faucet** hub is attached. The system includes a pair of screws that attach the trim member to a foot member. The foot member is slid into a **faucet** opening in the deck. From the top of the deck, the screws are used to clamp the deck between the trim member and the foot member. The trim member defines a receptacle with alignment tabs that are used to position the **faucet** hub in the receptacle. The **faucet** hub has a mounting shank to which a mounting bracket is attached in order to secure the **faucet** hub to the deck from the underside of the deck.

Inventors

NELSON ALFRED C

BROWN DEREK A

Latest standardized assignees - inventors removed

DELTA **FAUCET**

Technology domains

Civil engineering

Mechanical elements

Family 60/100 - FAMPAT - ©Questel

Title

(EP3048206)

Faucet installing assembly

Images

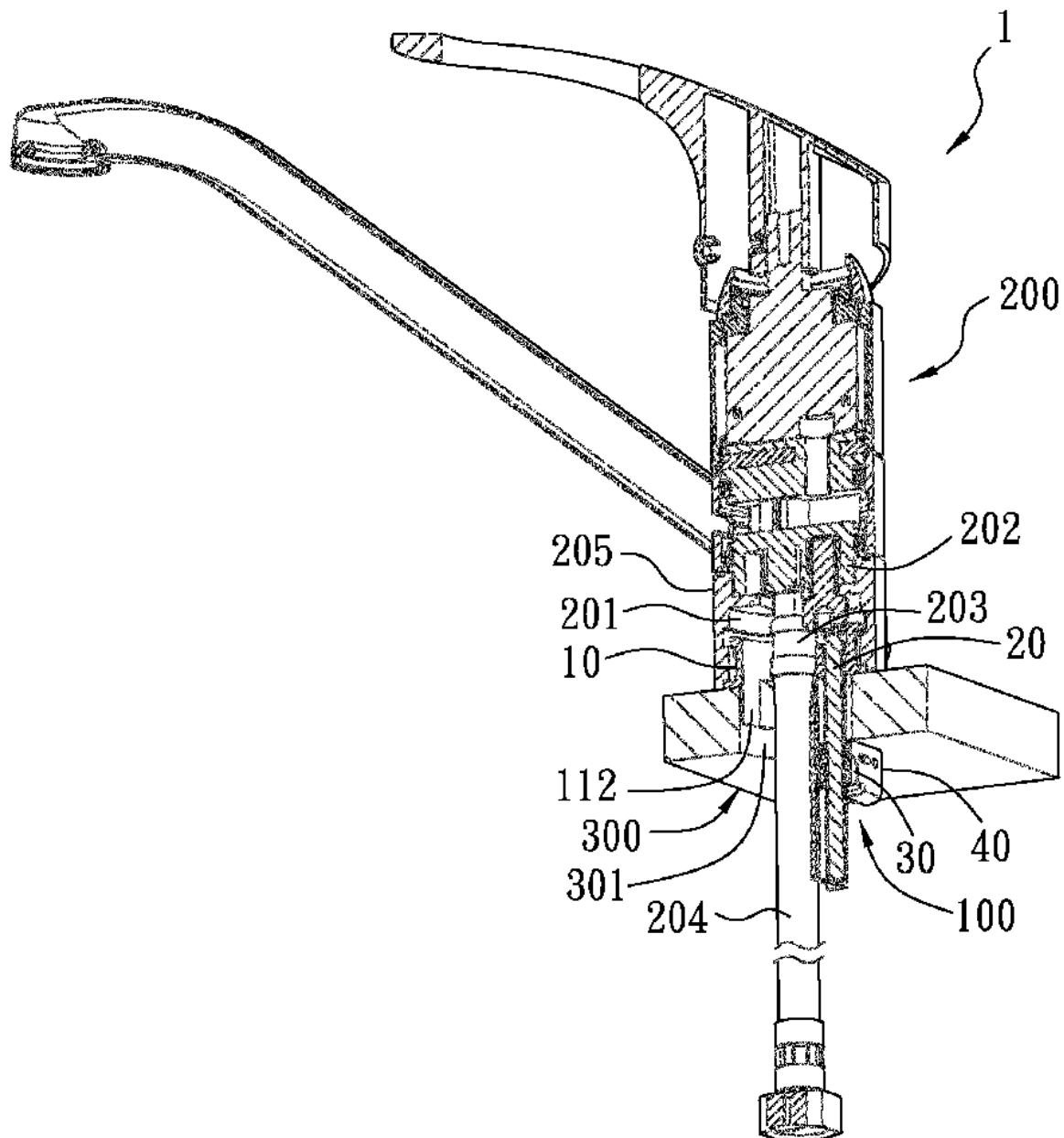


FIG. 2

Publication data including kind & date

CN204690849	U	2015-10-07	CN204690849U
EP3048206	A1	2016-07-27	EP3048206
KR20160090765	A	2016-08-01	KR20160090765

**Abstract**

(EP3048206)

A **faucet** installing assembly (1) contains: a fixing device (100) including a base (10), a screwing bolt (20), a connecting bolt (30), and an affixing mount (40). The base (10) includes an insertion portion (11) and an extending portion (12) which has a positioning rib (121) and a groove (122), a bottom fringe (123), an opening (124), and a through orifice (125). The insertion portion (11) has a peripheral fence (111), an accommodating trench (112), an operating space (113), and an isolation fence (114). The screwing bolt (20) includes a circular tab (21) and a threaded extension (22). The connecting bolt (30) includes a threaded aperture (31). The affixing mount (40) includes two opposite side cliffs (41) and a bottom cliff (42) which has a through hole (43), and the affixing mount (40) rotates between an inserting position (P1) and a stopping position (P2) along

the connecting bolt (30). The faucet device includes a fitting orifice (201), a channel (202), two connectors (203), and two inlet pipes (204), each of which is in connection with each of the two connectors (203) and is inserted through the accommodating trench (112).

Inventors

LIN YIPING

LI CHUNHUNG

YUAN CHUAHUA

Latest standardized assignees - inventors removed

GLOBE UNION INDUSTRIAL

Technology domains

Civil engineering

Mechanical elements

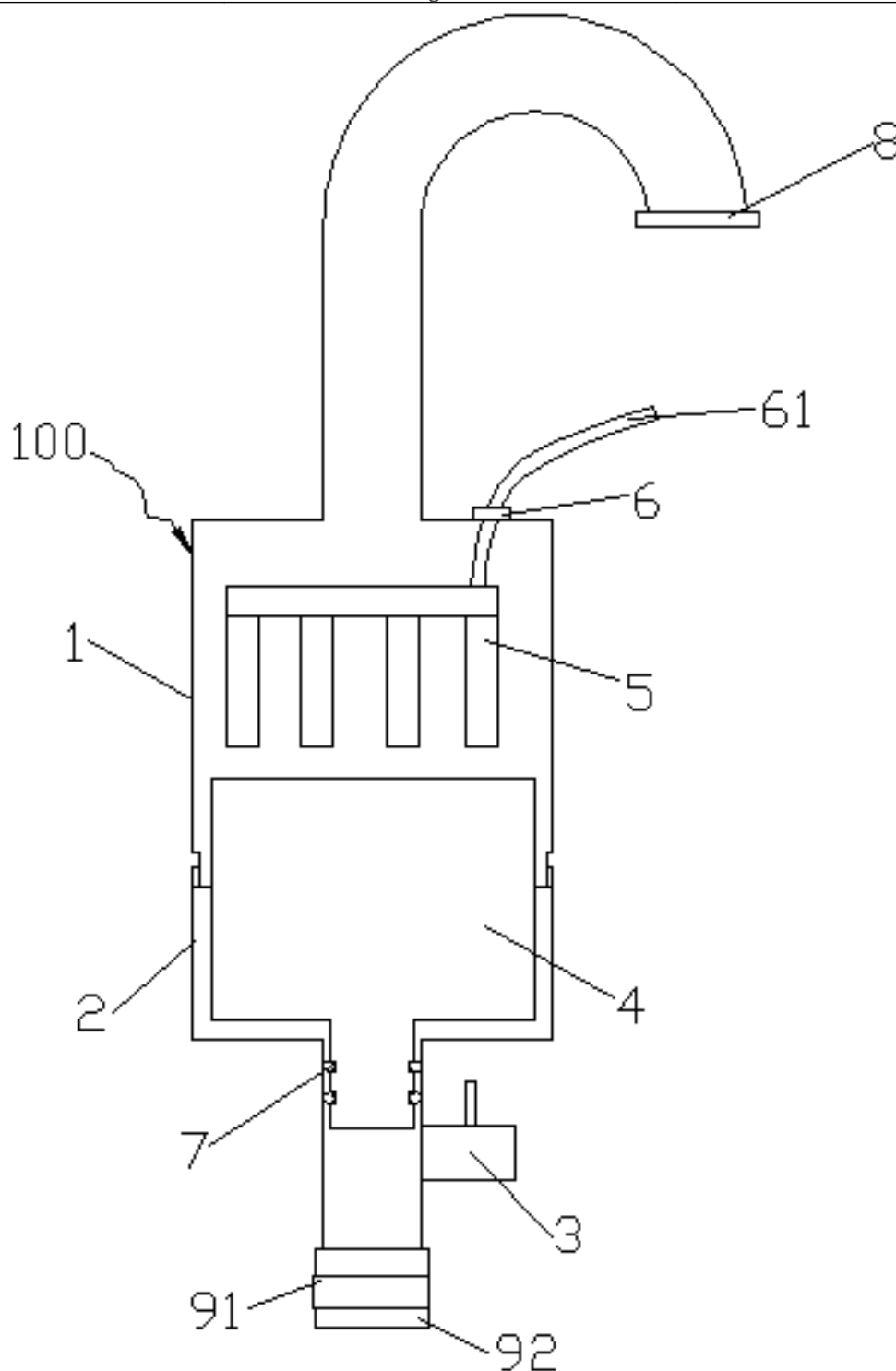
Family 61/100 - FAMPAT - ©Questel

Title

(CN102777680B)

Purifying and heating faucet

Images



Publication data including kind & date

CN102777680	A	2012-11-14	CN102777680
CN102777680	B	2014-01-01	CN102777680B



Abstract

(CN102777680B)

The invention discloses a purifying and heating faucet which comprises a faucet main body; the faucet main body is composed by a faucet upper body and a faucet lower body which are sealed and matched with each other; the faucet upper body comprises an upper shell which is provided with a water collecting and heating cavity with a lower opening, and a water outlet pipe which is fixedly installed on the upper shell and is communicated with the water collecting and heating cavity; the faucet lower body comprises a lower shell which is provided with a filtering cavity with an upper opening, and a water inlet pipe which is fixedly installed on the lower shell and is communicated with the filtering cavity; a ball valve switch is equipped on the water inlet pipe; a filter element and an electric fast heating body are respectively installed inside the filtering cavity and the water collecting and heating cavity; and the faucet upper body and the faucet lower body are sealed

through the upper shell and the lower shell and are in butt joint, forming an electric type purifying faucet structure with integrated functions of purifying and heating speedily. The purifying and heating faucet is exquisite in structure, reasonable in design and convenient to install and dismantle. The purifying and heating faucet provides various choices for a customer to get the water and can satisfy the using requirements for cold and hot purified water of the customers.

Inventors

YE XIUYOU

LIANG JIANLIN

PENG KAIQIN

TAN TAO

Latest standardized assignees - inventors removed

ZHEJIANG QINYUAN WATER PURIFIER SCIENCE & TECHNOLOGY

Technology domains

Chemical engineering

Mechanical elements

Family 62/100 - FAMPAT - ©Questel

Title

(EP2112281)

Pillar-like faucet

Images

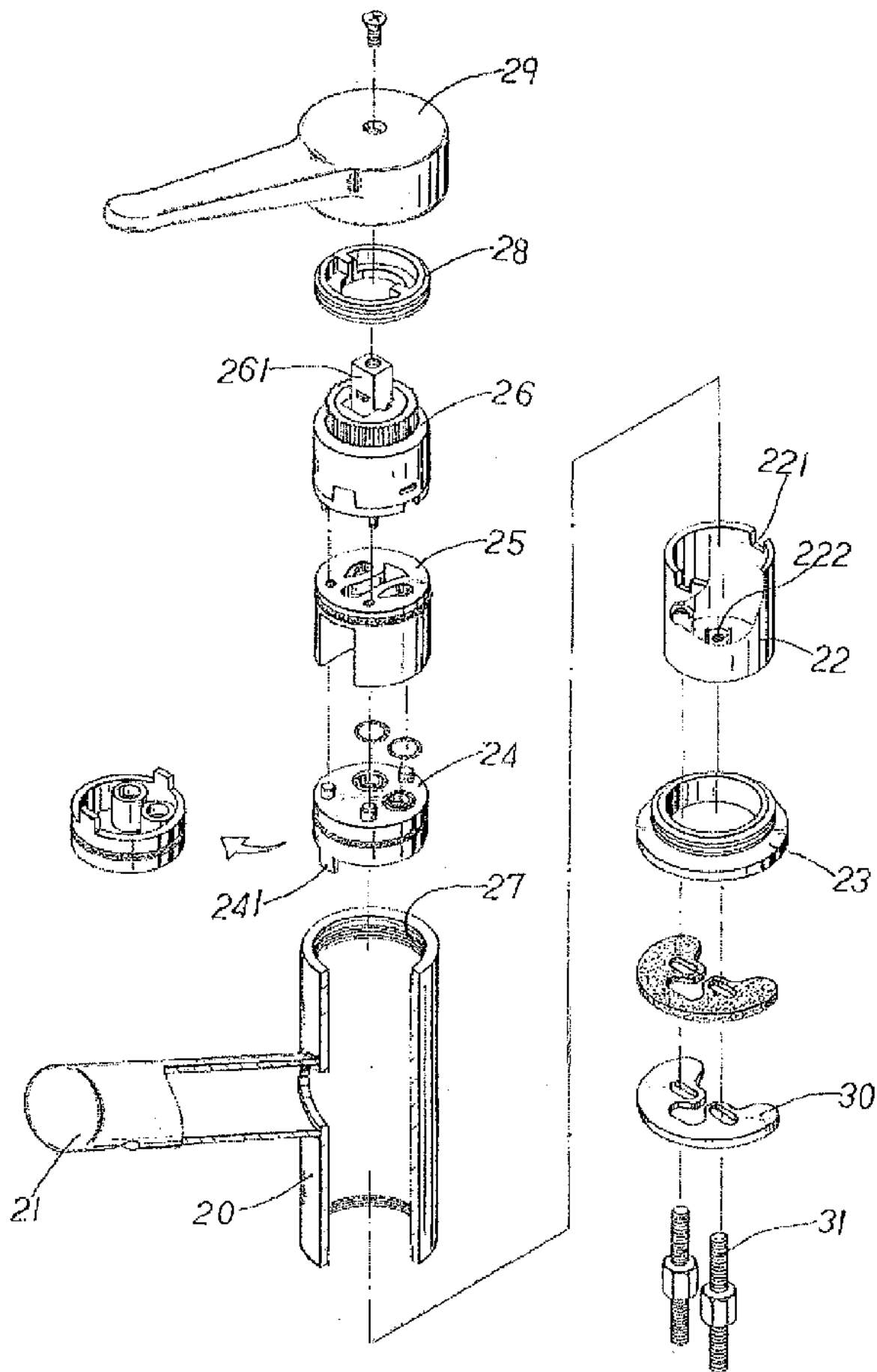


FIG. 2

(EP2112281)

A barrel **faucet** anchoring **structure** includes a barrel **faucet** body (20) formed at a uniform diameter. The **faucet** body (20) has a lower section holding an inner sleeve (22) which has a lower end fastened by an anchor member (23) by screwing to allow the **faucet** body to hold, in this order, a water receiving dock (24), a water channeling dock (25) and a water control valve (26). The inner sleeve (22) has an upper opening end with retaining notches (221) formed thereon to be wedged in by retaining lugs (241) formed on the water receiving dock (24). The water channeling dock (25) opposes a spout (21) coupled externally on the **faucet** body (20). By providing the separated inner sleeve (22) anchored by the anchor member (23) at the lower end of the **faucet** body (20) to hold the water receiving dock (24), water channeling dock (25) and water control valve (26), no additional fabrication processes are needed and no material waste occurs. Thus the cost and product weight can be reduced to make the barrel **faucet** more economic effective.

Inventors

WANG HSIANG HUNG

Technology domains

Civil engineering

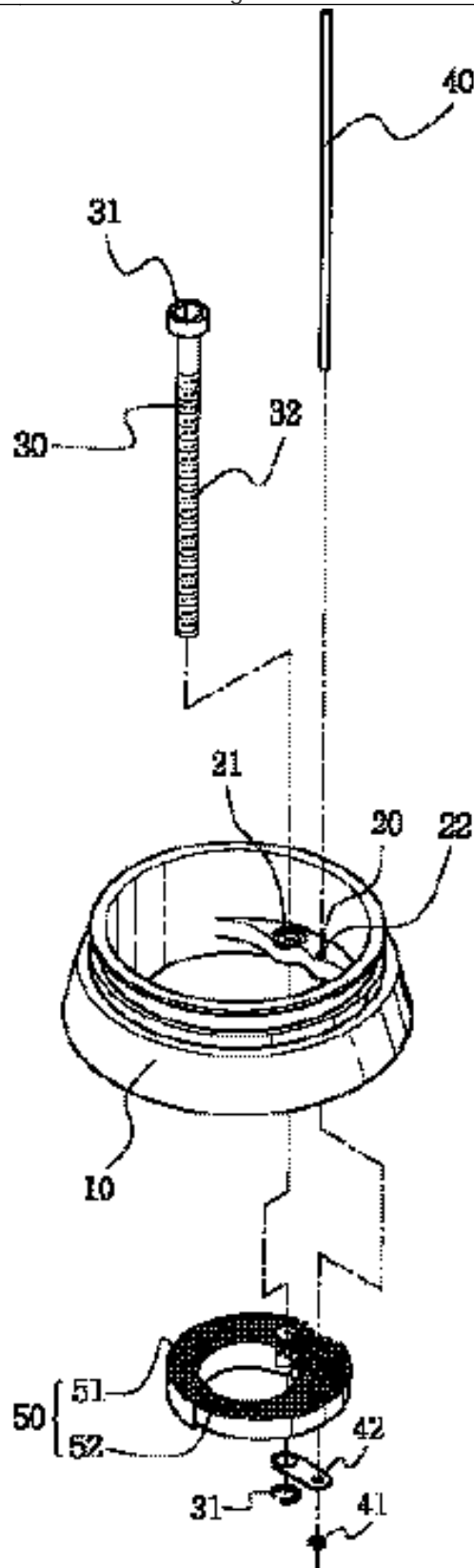
Family 63/100 - FAMPAT - ©Questel

Title

(JP2003119848)

Sink **faucet** fixing device

Images



Publication data including kind & date

KR200262256	Y1	2002-03-18	KR200262256U
JP2003119848	A	2003-04-23	JP2003119848



Abstract

(JP2003119848)

PROBLEM TO BE SOLVED: To provide a sink faucet fixing device capable of enhancing operational efficiency by further simplifying a fastening structure, and more easily fastening a faucet to a sink. **SOLUTION:** The sink faucet fixing device for coupling to the sink a base ring fastened to the bottom of the faucet includes a support part 20 shaped to protrude inwards from one side of the inside diameter surface of the base ring 10; a bolt 30 vertically rotatably inserted on one side of the support part 20; a guide pin 40 vertically rotatably inserted on the other side of the support part 20; and a pair of horseshoe

clamps 50 threadedly engaged with the bolt 30 extended to the bottom of the support part 20, the clamps being rotatably and axially supported against the guide pin 40 and brought into contact in end-to-end interlocking motion with each other.

Inventors

CHOI SU YONG

Latest standardized assignees - inventors removed

DAELIM TREADING

Technology domains

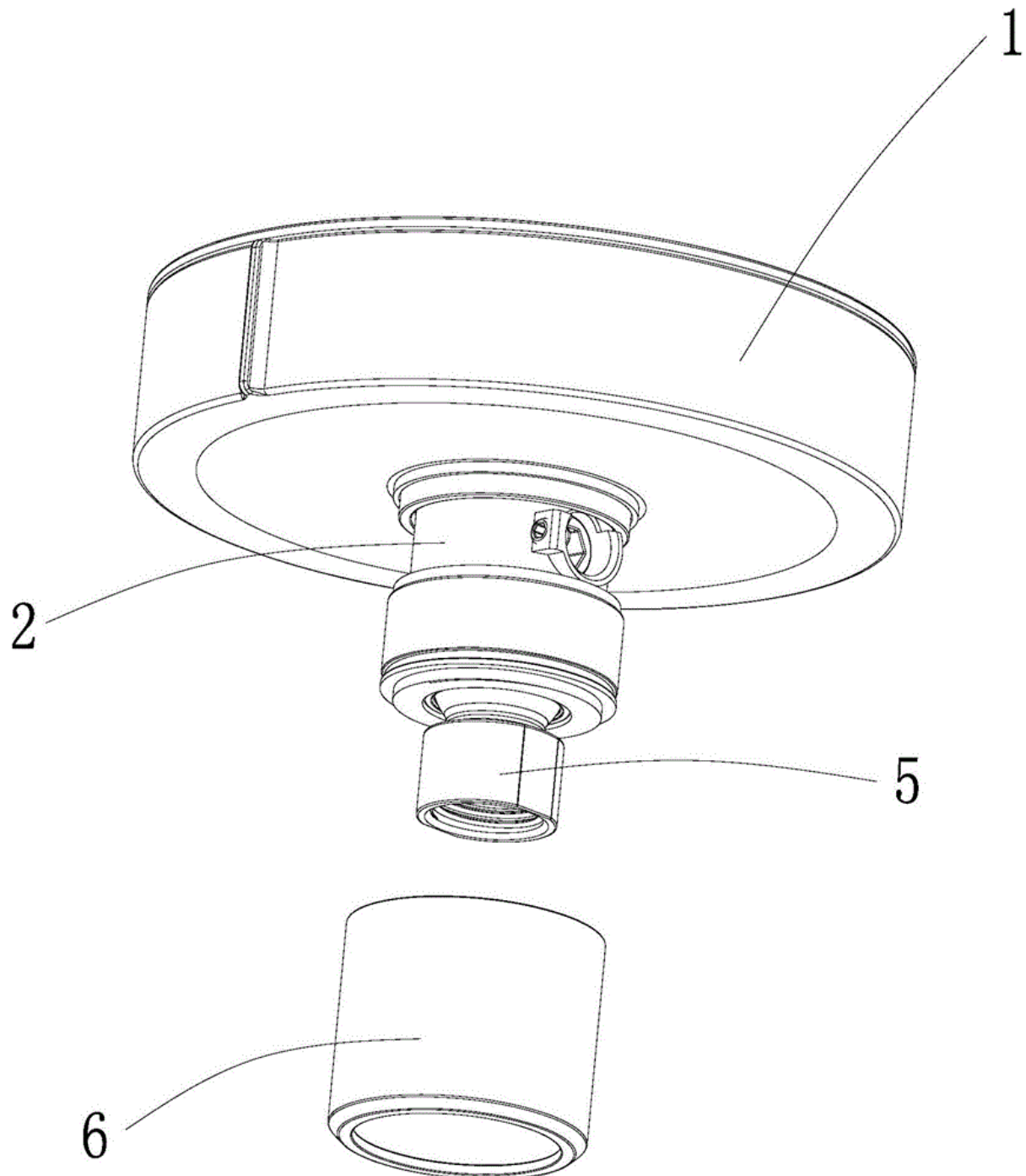
Civil engineering

Family 64/100 - FAMPAT - ©Questel

Title

(CN205518272U)

Hidden many function adjustment gondola water faucet

Images**Publication data including kind & date**[CN205518272](#)

U

2016-08-31

CN205518272U



Abstract

(CN205518272U)

The utility model discloses a hidden many function adjustment gondola water faucet, connect the accuse water installation including gondola water faucet body and accuse water installation, the water inlet of gondola water faucet body, should control the water installation including connecting and the cross axle case, be equipped with horizontal core chamber in the joint and be used for installing the cross axle case, connect the top and fixed and form water inlet channel with this body coupling of gondola water faucet, be equipped with on the cross axle case water conservation pore and with the inlet outlet cooperation that connects in order to control access to this internal water flow of gondola water faucet. Connect the outer overcoat that is equipped with and form hidden gondola water faucet structure, be suitable for public places such as hotel, bathroom, reach the effect of accuse water throttle.

Inventors

WU BOQING

HUANG HUI

LI QINGSHUANG

Latest standardized assignees - inventors removed

NIAGARA SANITATION & BATH PRODUCTS

Technology domains

Chemical engineering

Mechanical elements

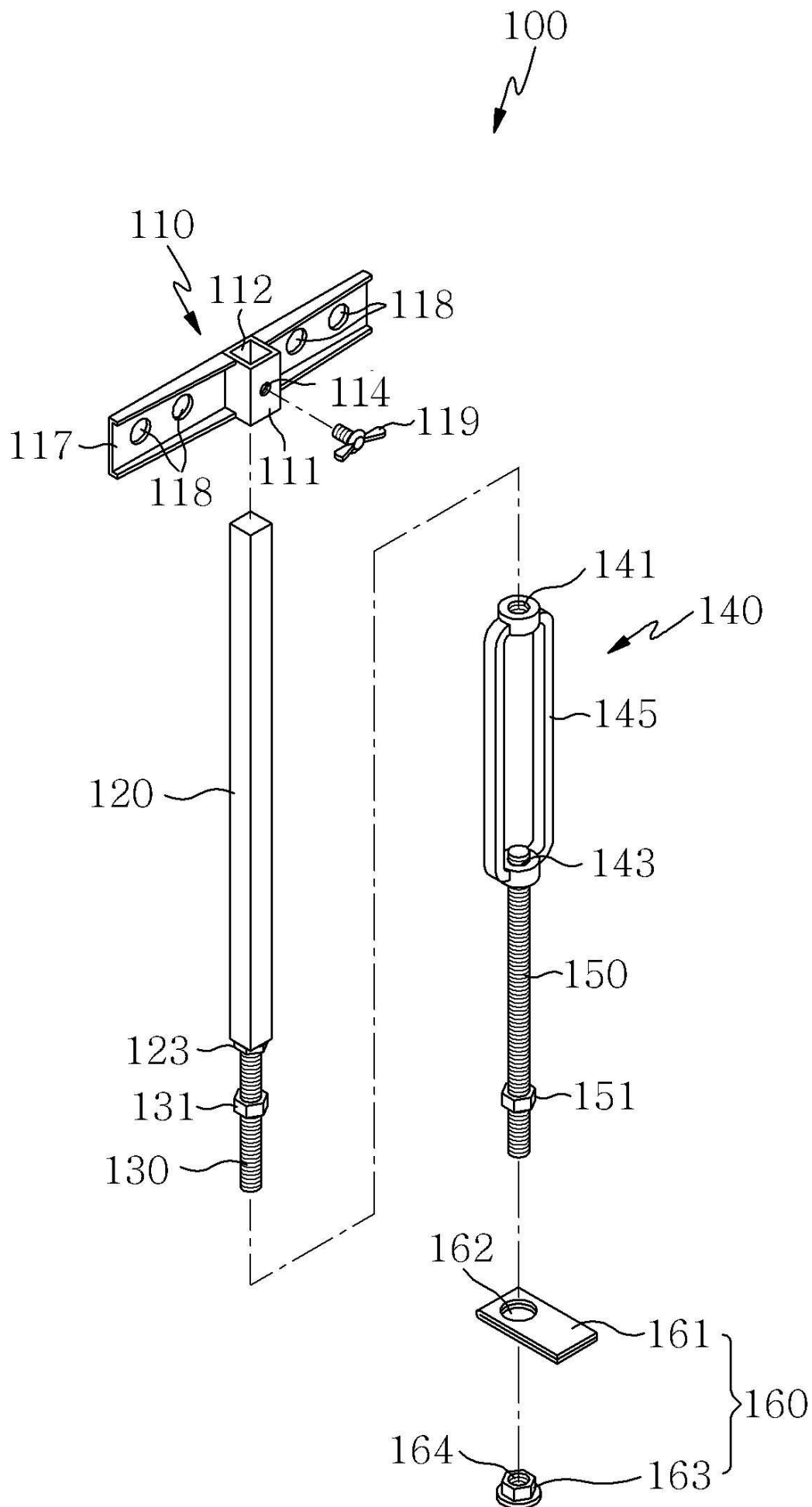
Family 65/100 - FAMPAT - ©Questel

Title

(KR200475758U)

Fixed Bracket for Faucet

Images



Publication data including kind & date

KR20140005802	U	2014-11-17	KR20140005802U
KR200475758	Y1	2015-01-02	KR200475758U

**Abstract**

(KR200475758U)

The present invention relates to a mooring wall for receiving the **faucet** on a fixed table embedded in the inside of the same. In the prior art by energizing embedded on the mound wall which, due to the complicated **structure** increases manufacturing cost was not easily portable. In the present invention relates to a pocket with a simple configuration is simple and convenient to the operator and anyone of the operation, easy fabrication is reduced due to the fixture and a manufacturing cost in order to provide a **faucet** of the present invention. The present invention relates to a **faucet** according to an embodiment of a height and a horizontal wall adapted for use on a fixed table embedded in the receiving connector, the through holes formed on the lower end of the post, the post being placed on the binding, can be moved up and down by the guide section is formed so as to adjust the height of the plate, the lower end of the post is inserted into the through hole 1 the second computerized bolt, wherein the first side 1 and the second bolt 1 is inserted into the computer coupled to the first and second tightening member 2 inserts is formed, the tightening member 2 secured to the first insertion portion 2 the second computerized bolt, the bolt 2 and the second side of a fixed member coupled to the computer comprises.

Inventors

PARK, HEE KAB

Latest standardized assignees - inventors removed

DAEYOUNG IS ANDY

Technology domains

Civil engineering

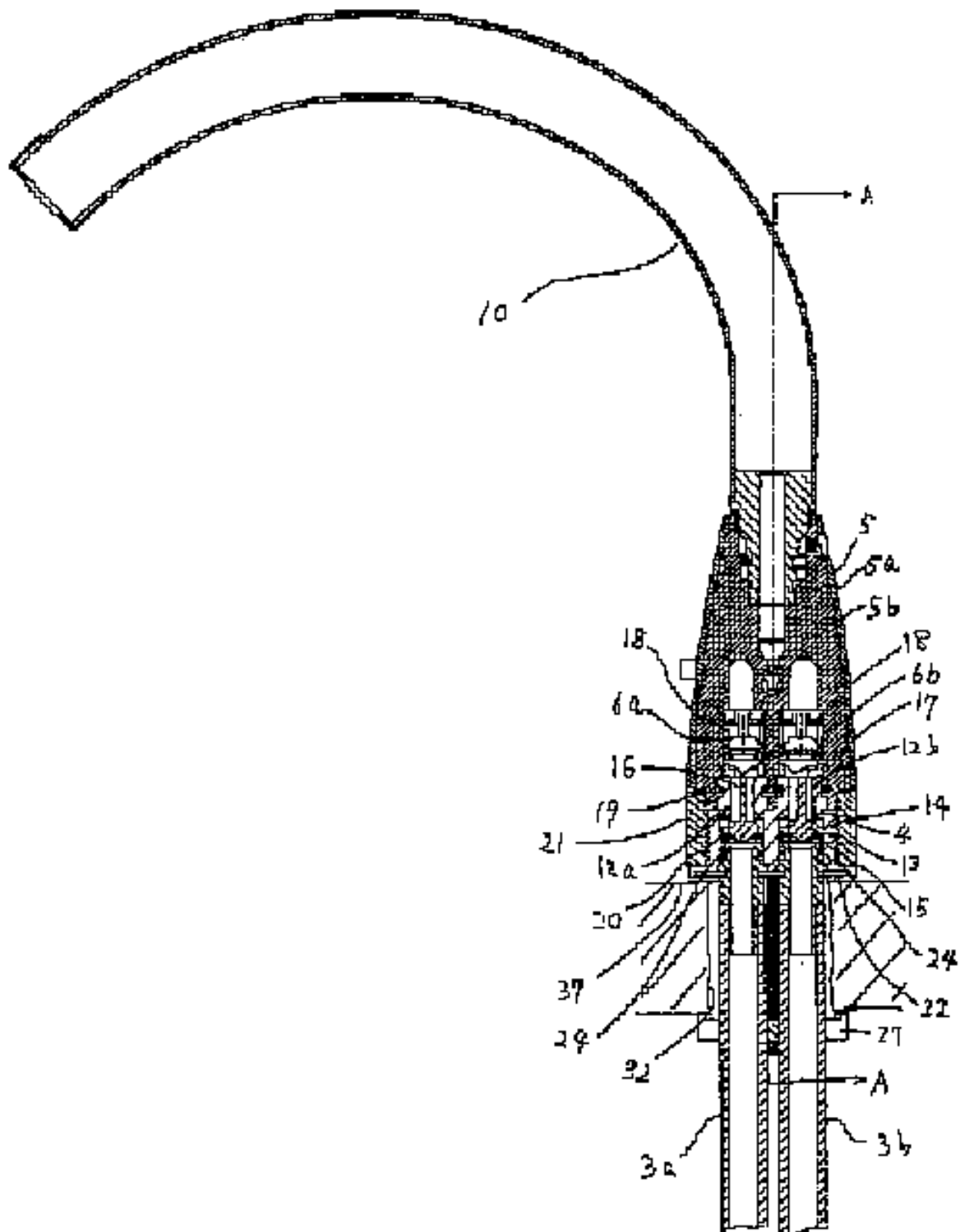
Mechanical elements

Family 66/100 - FAMPAT - ©Questel

Title

(JP2001026953)

Water and hot water mixing **faucet****Images**



Publication data including kind & date

[JP2001026953](#)

A 2001-01-30 JP2001026953



Abstract

(JP2001026953)

PROBLEM TO BE SOLVED: To provide a water and hot water mixing **faucet** having excellent design property and enabling easy maintenance of functional members such as a strainer and a check valve even in a limited work space. **SOLUTION:** This water and hot water mixing **faucet** is provided with a **faucet** main body 5 having water passages 6a, 6b for hot water and water, a pedestal 4 which is fixed on a **faucet installation** face 37, has water passages for hot water and water, and is engaged with the **faucet installation** face 37 in the vertical direction and the **faucet** main body 5 detachably in a water-tight manner, and a functional member which is provided inside the water passage of the **faucet** main body 5 or the pedestal 4

and is inserted and provided from a connection part side of the **faucet** main body 5 and a seat.

Inventors

MATSUI HIDEYUKI

INATOMI SHIGEKI

TOKUNAGA OSAMU

Latest standardized assignees - inventors removed

TOTO

Technology domains

Civil engineering

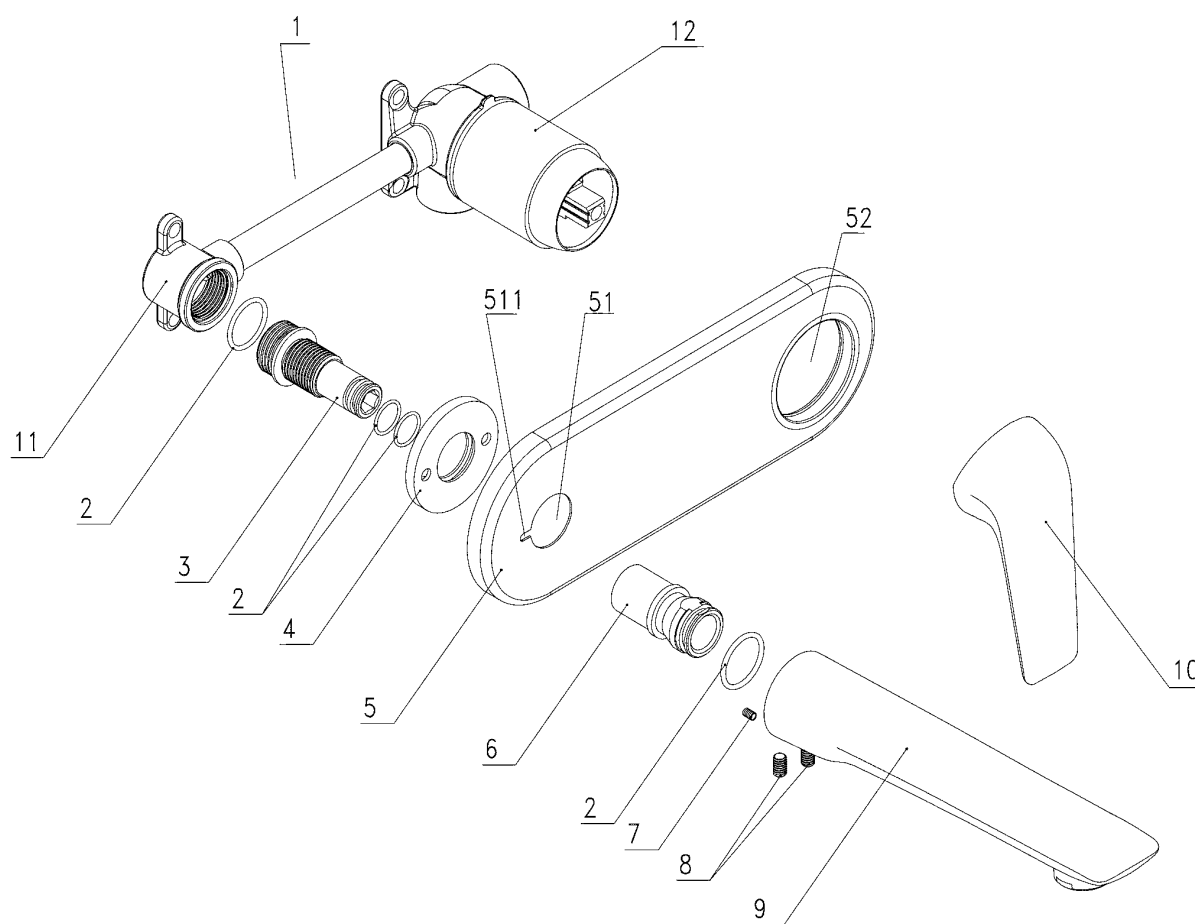
Family 67/100 - FAMPAT - ©Questel

Title

(CN203256855U)

Concealed basin **faucet** installing **structure**

Images



Publication data including kind & date

[CN203256855](#)

U

2013-10-30

CN203256855U



Abstract

(CN203256855U)

The utility model relates to a concealed basin **faucet** installing **structure**. The concealed basin **faucet** installing **structure** comprises a water outlet valve body, a handle, a joint, a fixed sleeve, a panel, an adjustable sleeve and a water outlet joint, a water outlet is arranged at the lower end of the water outlet valve body, a control valve body is arranged at the upper end of the water outlet valve body, the rear end of the joint is in threaded connection with the water outlet, a first **installation** hole and a second **installation** hole which are connected with the control valve body and the joint respectively are arranged at the upper end and the lower end of the panel respectively, the fixed sleeve is sleeved on the joint between the panel and the water outlet, the rear end of the adjustable sleeve traverses through the second **installation** hole and the fixed sleeve and is in threaded connection with the front end of the joint, and the water outlet joint is sleeved to the front end of the

adjustable sleeve, and allows the water outlet joint to be fixedly connected with the adjustable sleeve through a screw in a radial direction. The concealed basin **faucet** installing **structure** has the advantages of compact **structure**, simple **installation**, convenient maintenance, no need of a professional **installation** worker or a tool to realize **installation**, and no need of an attached sealing raw material or glue.

Inventors

SU GUANGYAO

Latest standardized assignees - inventors removed

ZHEJIANG SUERDA SANITARY

Technology domains

Civil engineering

Family 68/100 - FAMPAT - ©Questel

Title

(JP2534205Y)

Of the outdoor **faucet installation structure** of

Publication data including kind & date

JP5054672	U	1993-07-23	JP05054672U
JP2534205	Y2	1997-04-30	JP2534205Y



Abstract

(JP2534205Y)

[Object] **faucet** sensors or switches of the inspection, repair and allow very easily. PURPOSE: The jetting tube 16 at the tip of the head 20 provided detachably, the head 20 switch 32 and sensor 34 is provided. A water discharge tube 16 distal end face of the connector 44 half bodies 48 may be fixed, head 20 the rear end surface of the half members 46 is fixed. Then, head 20 the jetting tube 16 to an end surface of the convex portion to combine 54,60 recess 56,62 when pushed, the half members together 46 is the half members 48 to be pushed into. EFFECT: Head 20 the jetting tube 16 is removed from the sensor 34 or switch 32 easily inspect, can be repaired. In addition, the head 20 only can also replace. Head 20 the jetting tube 16 be attached to, the half bodies 4 6,48 couple together, the operator need not be electrically connected by the connecting operation of the head is very easy.

Inventors

HIRAIDE KEISUKE

NAGATA MASAOKI

ARAKI OSAMU

SHIRAI KENJI

Latest standardized assignees - inventors removed

INAX

Technology domains

Civil engineering

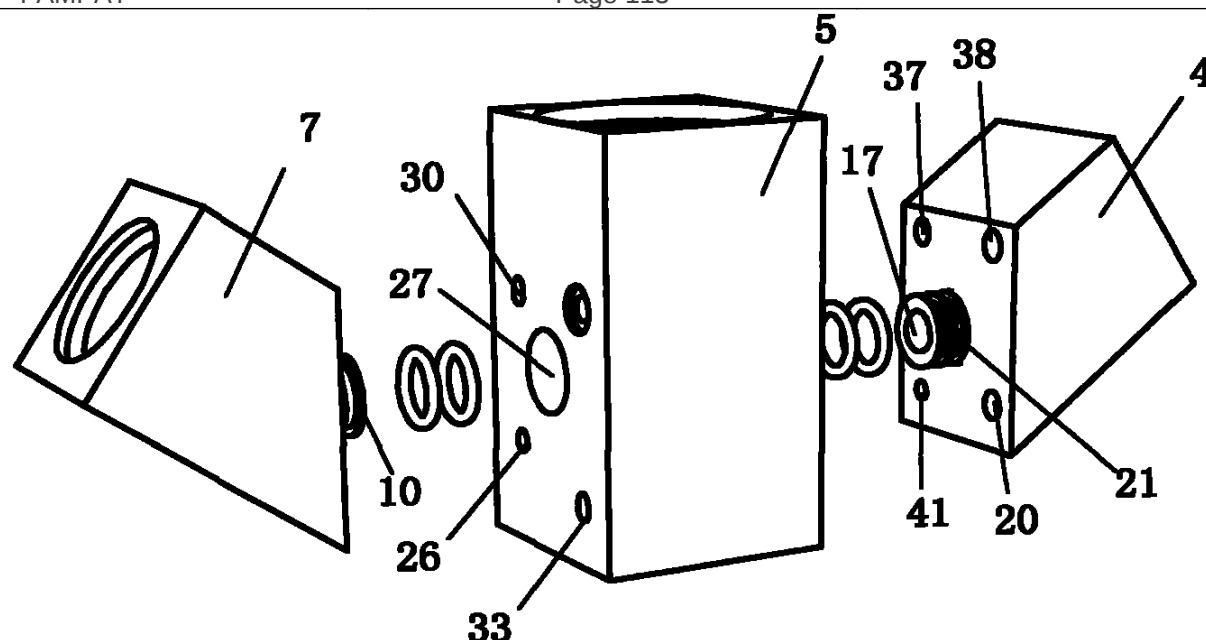
Family 69/100 - FAMPAT - ©Questel

Title

(CN201818843U)

Square sheep-horn **faucet**

Images



Publication data including kind & date

CN201818843

U 2011-05-04 CN201818843U



Abstract

(CN201818843U)

The utility model relates to a square sheep-horn **faucet**, which comprises a body, a left spool seat, a right spool seat, a water outlet tube, a left knob, a right knob and a connecting seat. The right spool seat is provided with a right spool connector, the right spool connector is provided with an axial spool water inlet passage communicated with a right water inlet hole and a right spool cavity of the body, the connector on the right spool seat is inserted into a right connecting hole on the body to be connected in a sealed manner, the left spool seat is provided with a left spool connector, the left spool connector is provided with an axial left spool water inlet passage communicated with a left water inlet hole and a left spool cavity of the body, and the connector on the left spool seat is inserted into a left connection hole on the body to be connected in a sealed manner. The inserted sealed connection **structures** for the connectors and the connecting holes are arranged on the **faucet**, welding is no longer needed, thereby the **faucet** is simple and convenient in **installation** and high in efficiency, avoids welding, and has no trace of welding and more attractive appearance, positioning pins are arranged at connection positions, the connection positions are straight and firm and difficult to shift, and thereby the **faucet** is firm and durable.

Inventors

LIU CHUNXIA

Technology domains

Mechanical elements

Family 70/100 - FAMPAT - ©Questel

Title

(CN201475416U)

Novel **faucet** inner core body **structure**

Images

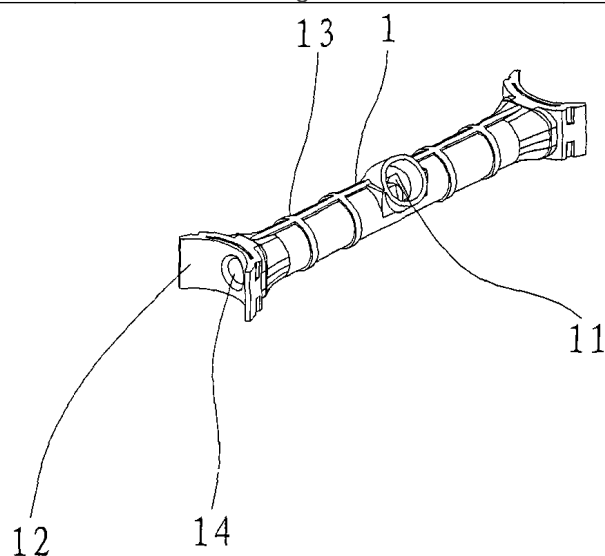


图 1

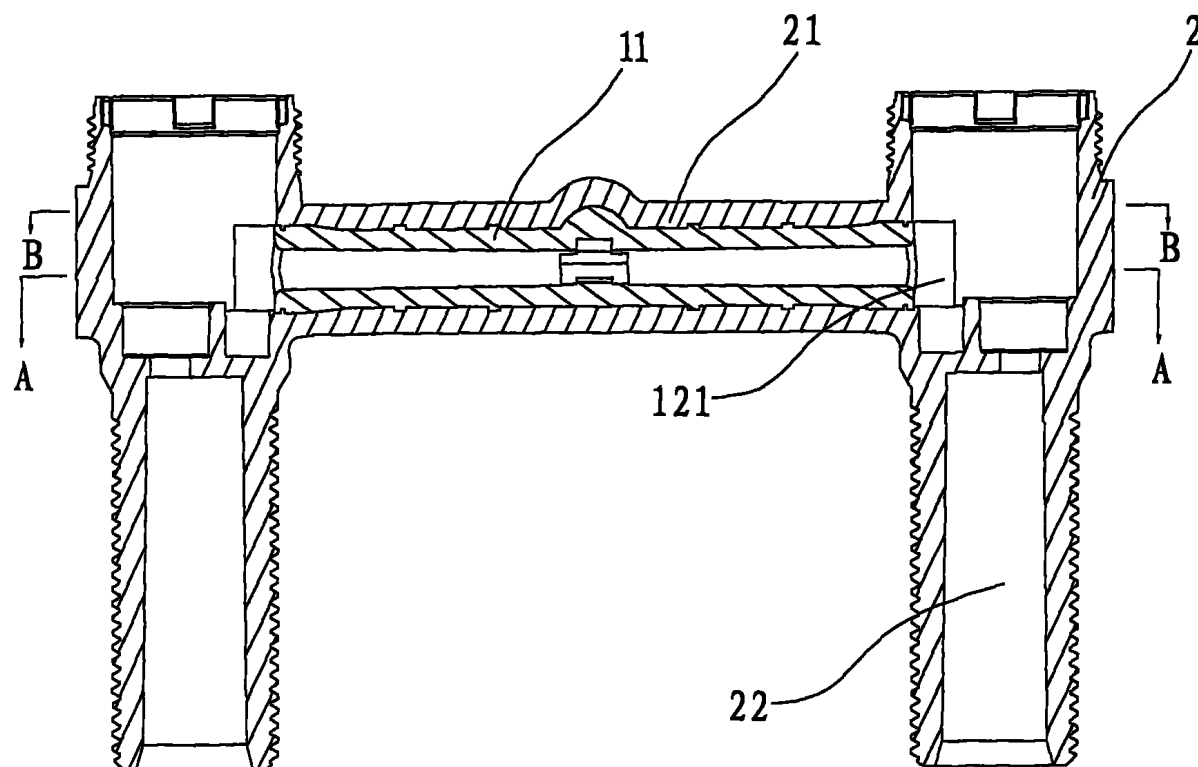


图 2

Publication data including kind & date

CN201475416

U

2010-05-19

CN201475416U

**Abstract**

(CN201475416U)

The utility model relates to a novel faucet inner core body structure which comprises a three-way insert and a secondary injection molding water channel body, wherein the middle part of the three-way insert is provided with a water outlet, and two ends thereof are respectively provided with a cambered surface structure being matched with a vertical tube; the two ends of the water channel body are respectively provided with the vertical tube; the two vertical tubes are connected and communicated with each other by a transverse tube; the middle part of the transverse tube is provided with a hole being matched with the water outlet on the three-way insert; the water channel body is installed on the three-way insert by secondary injection molding; and the three-way insert is provided with a rib strip which is easily injected. As the three-way

part at the core position is firstly molded in a way of the insert, a faucet inner core body can be molded into a whole, thus overcoming the defects of insufficient welding surface strength and instability in the existing technology adopting the welding way; and the structure is convenient for transportation and installation. Furthermore, the novel faucet inner core body has the advantages of simple structure, easy manufacturing and convenient molding, and greatly reduces the production cost.

Inventors

XU WEIQIANG

Latest standardized assignees - inventors removed

RUNNER

Technology domains

Mechanical elements

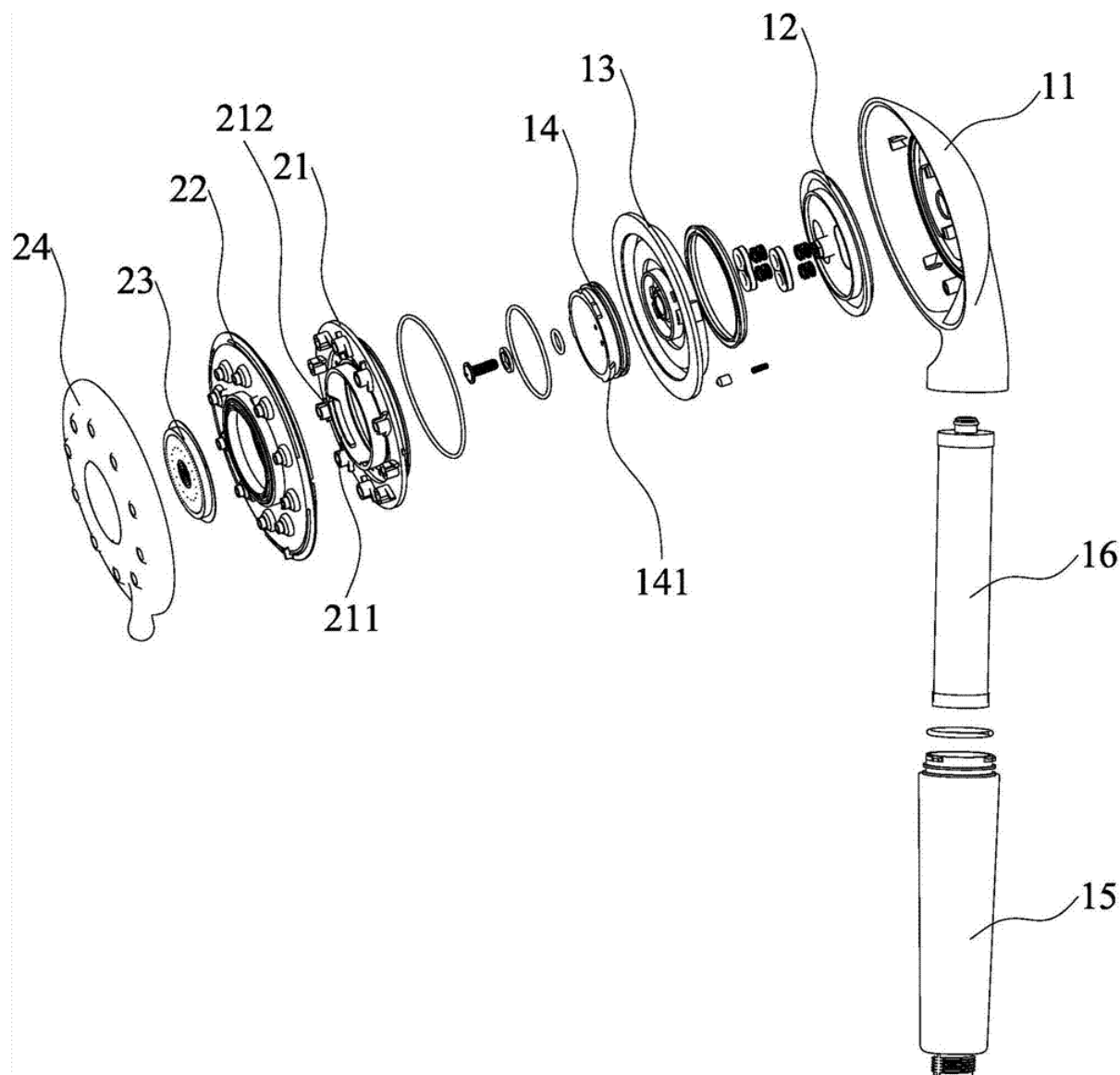
Family 71/100 - FAMPAT - ©Questel

Title

(CN207153982U)

Quick assembly disassembly gondola water faucet

Images



Publication data including kind & date

CN207153982

U

2018-03-30

CN207153982U



Abstract

(CN207153982U)

The utility model relates to a quick assembly disassembly gondola water faucet, including noumenon group and the panel group of connection on the noumenon group, panel group and noumenon group are connected through board and the connecting seat cooperation of dividing, board and the connecting seat of dividing carries out rotatable coupling through buckle and buckle groove, and when divide board and connecting seat rotated to first fender position, first apopore communicate with the water cavity of body, first apopore and second apopore communicate with the water cavity of body when rotating to second fender position, the second apopore communicates with the water cavity of body when rotating to third fender position, rotate when keeping off the position to the fourth, the buckle breaks away from the buckle groove. The utility model discloses a buckle of board and connecting seat and the play water that the buckle slot combination had realized panel group of dividing keeps off the quick assembly disassembly of position switching and panel group and noumenon group, has made things convenient for the cleanness of apopore. The utility model discloses combining the water switching structure of gondola water faucet together with the dismounting structure, making the gondola water faucet structure simpler, the dismounting liquid of gondola water faucet is more convenient.

Inventors

CAI BINGXU

HU QUANSEN

YANG DEQING

LIU XINTAO

Latest standardized assignees - inventors removed

XIAMEN OSHINCE TECHNOLOGY

Technology domains

Chemical engineering

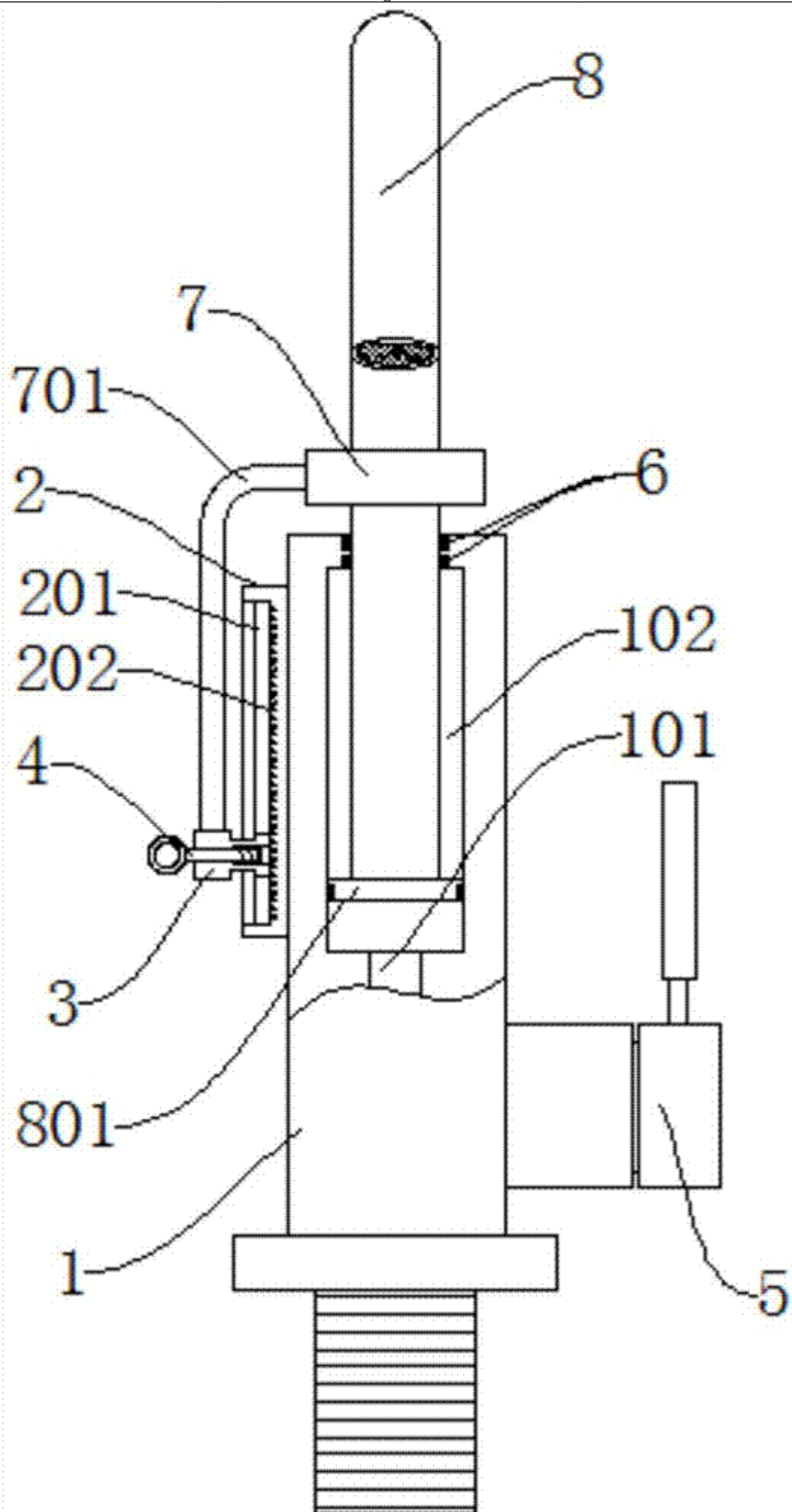
Family 72/100 - FAMPAT - ©Questel

Title

(CN208329063U)

Convenient height can be adjusted while installing a faucet water outlet

Images



Publication data including kind & date

CN208329063

U 2019-01-04

CN208329063U

**Abstract**

(CN208329063U)

The present utility model discloses a method for ease of **installation** while being able to adjust the height of the water **faucet**, comprising a base, a chassis side is provided with a valve, the valve is set above the slip chamber, and sliding chamber and the base plate in communication with the interior of the water flow passages, slip cavity is provided with an outlet pipe, the bottom of the outlet tube is provided with a guide baffle, guide wings slip slidingly mounted in the cavity, the cavity is divided into two parts of the slip, the upper end of the top cavity through slip outlet pipe extending from the base. The advantages that: it is possible to adjust the overall height of the height of the water **faucet installation** space, so as to meet different **installation** requirements of the **installation** space; can in use, a water outlet pipe is adjusted according to different usage requirements of the user of freeboard.

Inventors

LIN FENG

CAI BEIBEI

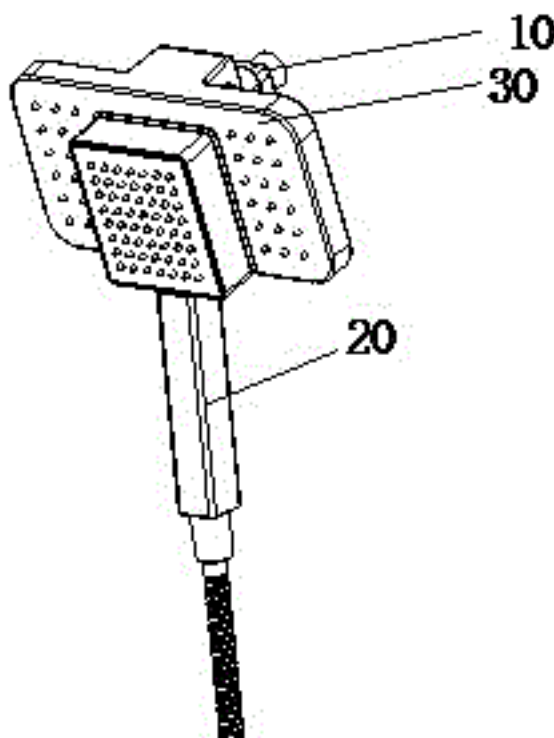
Technology domains

Civil engineering

Family 73/100 - FAMPAT - ©Questel

Title

(CN205995655U)

Gondola water **faucet**, shower nozzle and three -way diverter combination meet connection **structure** soon**Images****Publication data including kind & date**

CN205995655

U 2017-03-08

CN205995655U

**Abstract**

(CN205995655U)

The utility model provides a gondola water **faucet**, shower nozzle and three -way diverter combination meet connection **structure** soon, including setting up in the gondola water **faucet** and the shower nozzle of three -way diverter front side, three -way diverter has into water end and gondola water **faucet** and the shower nozzle play water end (W. E.) of UNICOM respectively, the shower nozzle is fixed through connecting the connection **structure** cooperation soon with three -way

diverter, the button that control connect connection **structure** to open and close soon has on shower nozzle or the three - way diverter. The utility model discloses combined gondola water **faucet**, shower nozzle and three -way diverter occupation space little, can realize the quick assembly disassembly and the combination of each module, greatly made things convenient for and made and the later maintenance change.

Inventors

CHEN YONG

DAI SHENGCHAO

DU SHENGJUN

LIAO LIZHONG

Latest standardized assignees - inventors removed

RUNNER

Technology domains

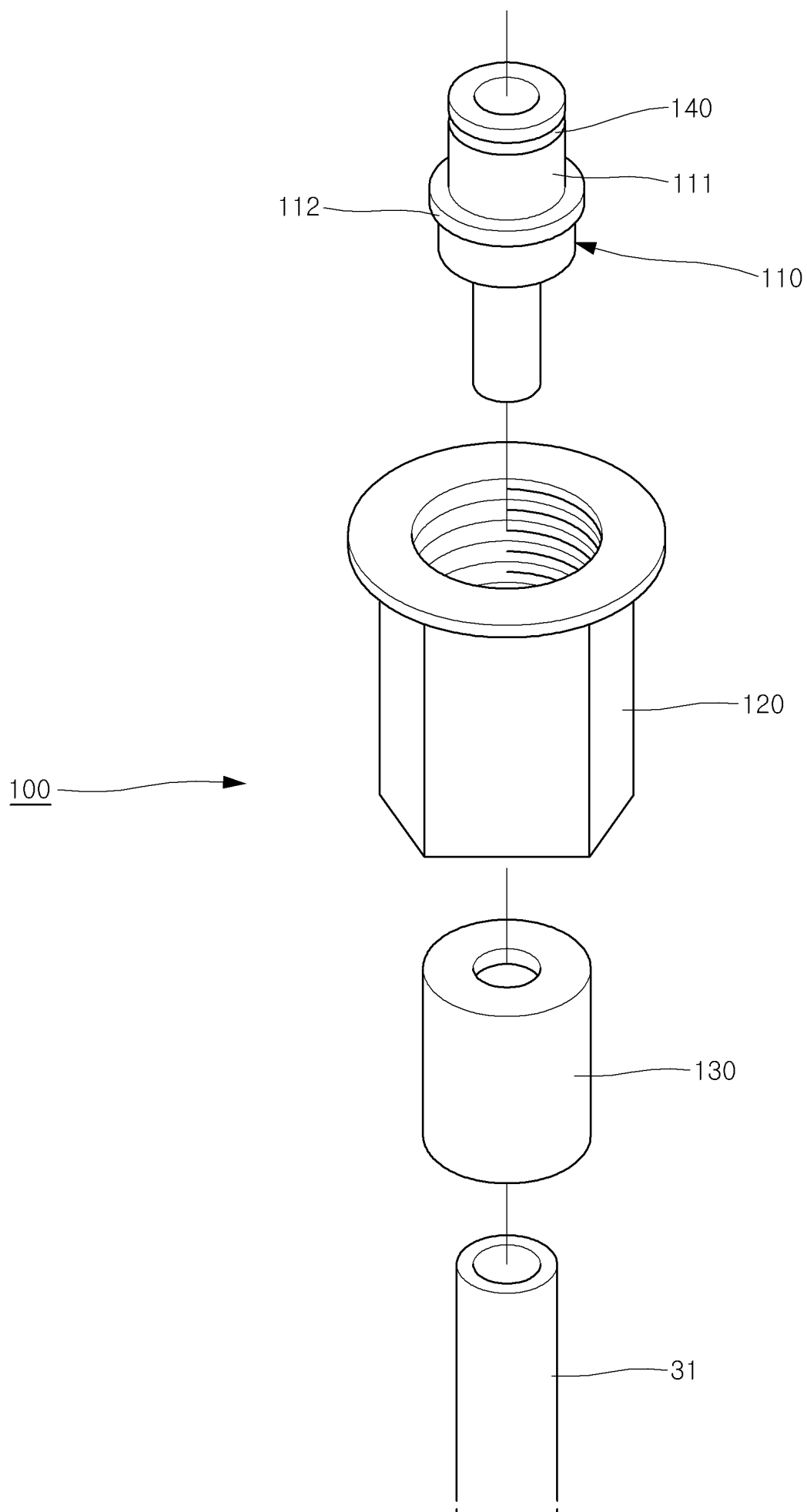
Chemical engineering

Family 74/100 - FAMPAT - ©Questel

Title

(KR101368948)

Structure for **installation** fill-valve of a toilet bowl**Images**



Publication data including kind & date

KR20140013820	A	2014-02-05	KR20140013820
KR101368948	B1	2014-02-28	KR101368948

**Abstract**

(KR101368948)

The present invention relates to an **installation structure** for a fill valve of a toilet bowl which fixes a fill valve by **coupling** a **coupling** and fixing nut to a bolt part of the fill valve which is protruding from an **installation** hole of a water tank when the bolt part is coupled to the **installation** hole; and improves the reliability of a product by moving a reinforcement member to the inside of the bolt part when the **coupling** and fixing nut is coupled to the bolt part.

Inventors

SONG, TAE GWANG

Latest standardized assignees - inventors removed

WATOS COREA

WATTOS KOREA

Technology domains

Civil engineering

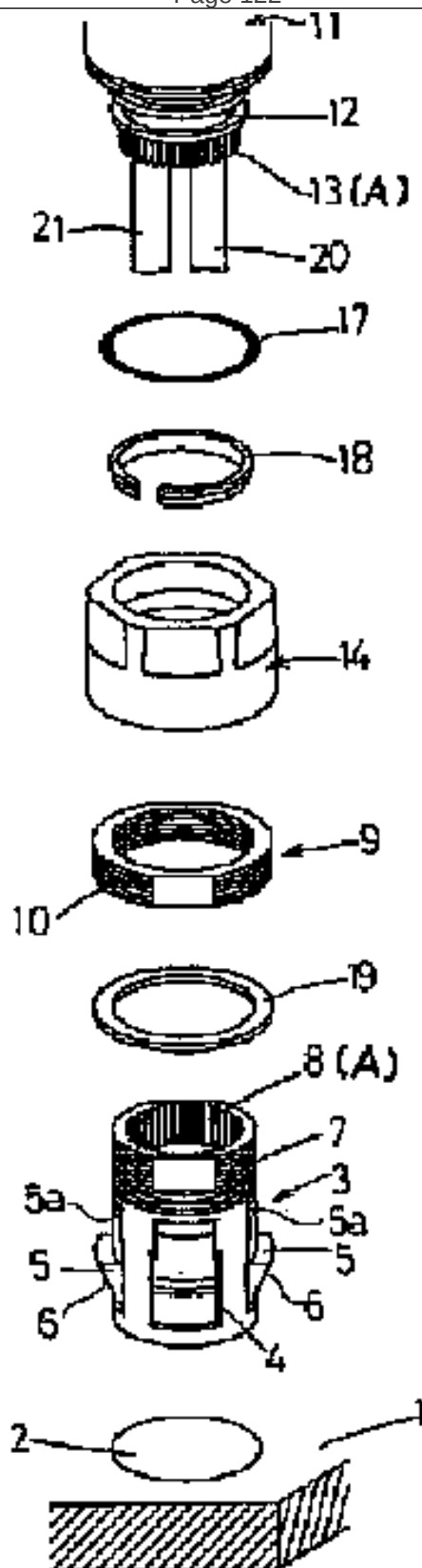
Mechanical elements

Family 75/100 - FAMPAT - ©Questel

Title

(JP08049267)

Water **faucet** mounting device**Images**



Publication data including kind & date

[JP08049267](#)

A 1996-02-20

JP08049267

[JP3461919](#)

B2 2003-10-27

JP3461919



Abstract

(JP3461919)

PURPOSE: To mount and remove a water **faucet** easily by fitting a fixing nut on a mounting member, pinching a plate member thereby together with a slipoff preventive piece, fitting a **coupling** nut on the periphery of the lower part of the cock body, and putting this **coupling** nut in engagement with the fixing nut. **CONSTITUTION:** When a mounting member 3 is from above pushed into a mounting hole 2 provided in a top plate 1, a slipoff preventive piece 5 is detained with the lower opening edge of the hole 2. Then a packing 19 is fitted on the top of the mounting member 3, and a fixing nut 9 is fitted on

the male threaded part for mounting 7 of the mounting member 3 and tightened. A male spline part 13 on a **coupling** part 12 of a water **faucet** body 11 is fitted in a female spline part 8 of the mounting member 3. A packing 17 and a split ring 18 are mounted on the **faucet** body 11, and a **coupling** nut 14 is made only capable of rotating and mounted in such a way as covering the **coupling** part 12. The female threaded part of the **coupling** nut 14 is fitted on the male threaded part for fixation 10 of the fixing nut 9.

Inventors

Mamoru Kusumoto

ANDO HIDEO

MATSUURA KATSUHIRO

Latest standardized assignees - inventors removed

PANASONIC

Technology domains

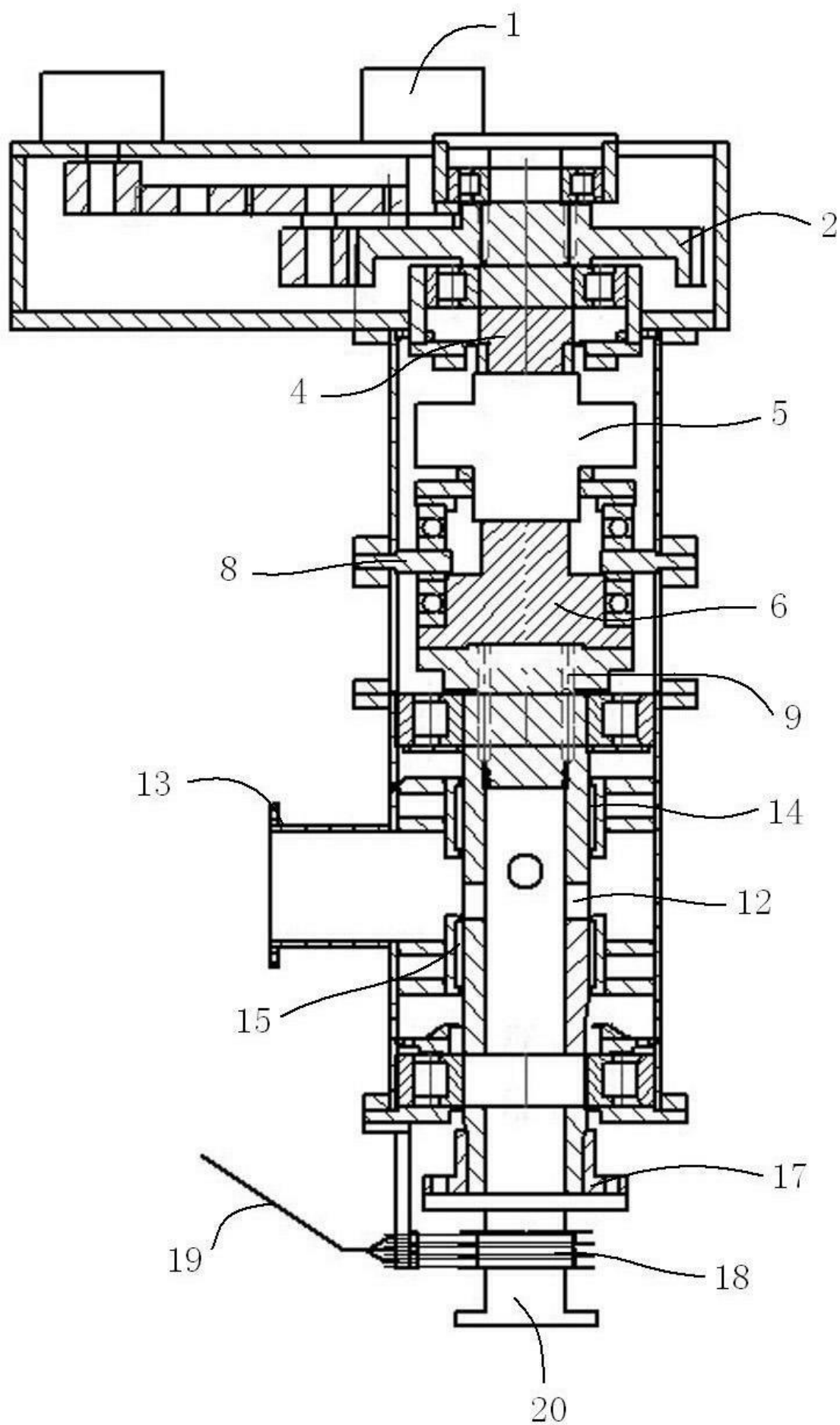
Civil engineering

Family 76/100 - FAMPAT - ©Questel

Title

(CN202131975U)

Integrated abrasive-disk **faucet****Images**



CN202131975

U 2012-02-01 CN202131975U

Abstract

(CN202131975U)

The utility model relates to parts of pile driver equipment, in particular to an integrated abrasive-disk **faucet**. A side edge of an abrasive-disk **faucet** main body is connected with an **installation** frame which is provided with a guide block. The abrasive-disk **faucet** can vertically slide on a mast of a pile driver. A power source of the abrasive-disk **faucet** is formed by one or a plurality of motors, hydraulic motors or the like. Power is sequentially transmitted to a spindle, a running pulley **coupling**, a middle shaft, a **faucet** shaft connection flange, a **faucet** shaft and a drill stem connection flange through a gear speed reduction assembly, then a drill stem is driven to rotate, and power transmission is achieved.

Inventors

XIA HANZHONG

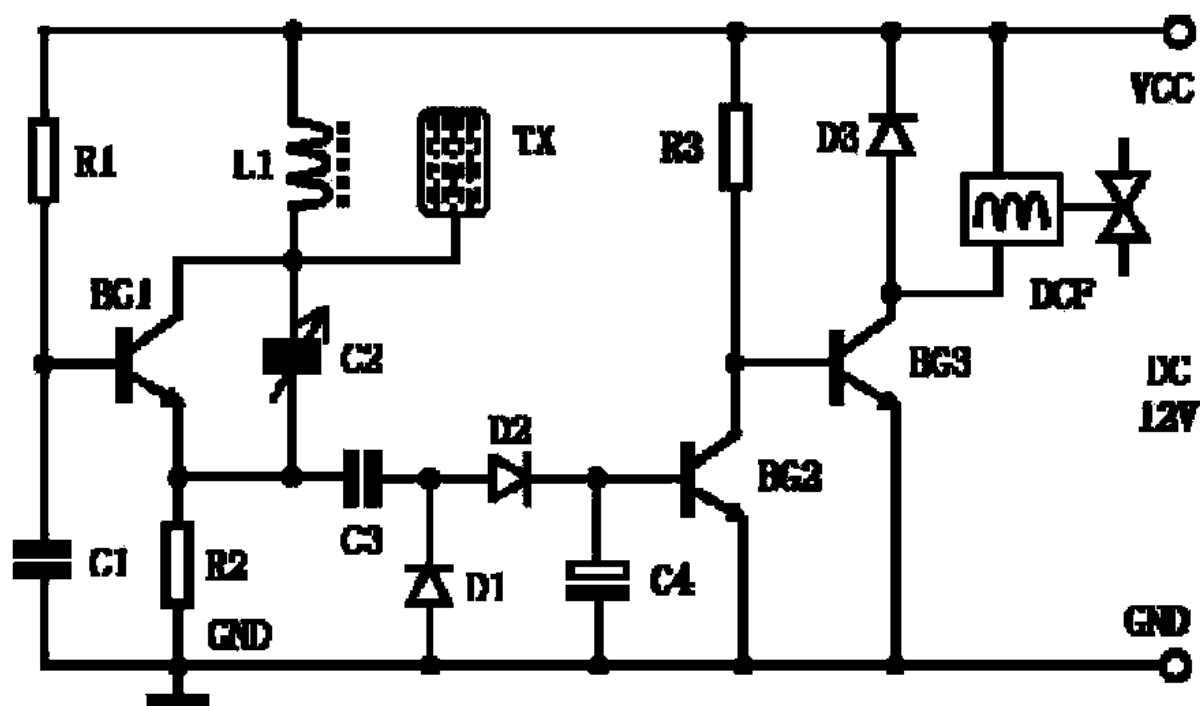
Technology domains

Civil engineering

Family 77/100 - FAMPAT - ©Questel

Title

(CN103292007B)

Inductive water-saving water **faucet****Images****Publication data including kind & date**

CN103292007

A 2013-09-11 CN103292007

CN103292007

B 2015-04-08 CN103292007B

**Abstract**

(CN103292007B)

The invention belongs to the technical field of electronic automatic control, and relates to an inductive water-saving water **faucet**. The inductive water-saving water **faucet** is technically characterized by comprising a 12V direct-current power source, a radio frequency oscillating circuit, a voltage-multiplying detection and filter circuit, a direct-current signal amplifying circuit and a solenoid valve driving circuit. The inductive water-saving water **faucet** overcomes the defects exiting in part of existing products, a human body heat source is not used for serving as a signal source, the situation that a hand approaches an inductive antenna serves as a control signal for automatically opening or automatically closing the inductive water-saving water **faucet**, circuits of the inductive water-saving water **faucet** overcome a plurality of defects, and

the requirements for being simple in circuit **structure** and reliable in working performance, being manufactured by completely using ordinary electronic components, and being low in manufacturing cost are met. The inductive water-saving water **faucet** can be widely applied to public places such as hotels, guesthouses, office buildings, public toilets, hospitals, passenger stations and airports, or areas in serious water shortage.

Inventors

ZHOU YUN

Technology domains

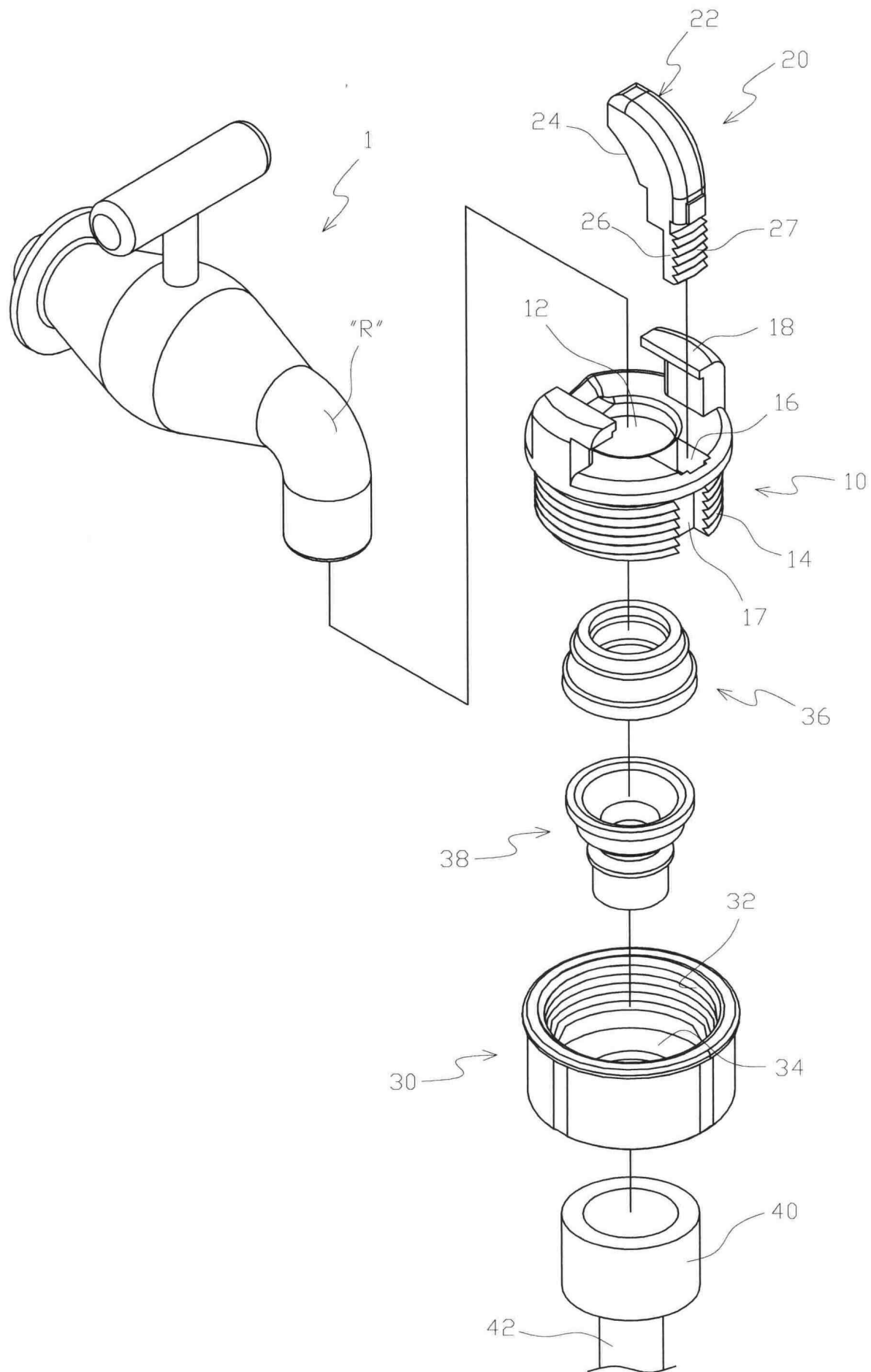
Mechanical elements

Family 78/100 - FAMPAT - ©Questel

Title

(KR200433215U)

a **coupling** for tap **coupling****Images**



Publication data including kind & date

[KR200433215](#)

Y1 2006-12-08

KR200433215U



Abstract

(KR200433215U)

This invention relates to a high water pressure is generated between the **faucet** and the hose even though there is no possibility that the leak can be prevented from being detached and in that it, the curved contact portion of the engaging portion is slid eliminated conventional **coupling** for compensating, not being limited by the shape of the **faucet** of the **faucet** of special shape can be used in order to provide **coupling** for **coupling faucet** of the present invention comprises a, the screw portion is formed along the outer perimeter of the bottom and, cutting grooves are formed in the front of the hole and with a fixture (10), sandwiched between the top opening (16) of the **faucet** while in contact with the bent portion is provided with a head (22) having a slope, which is fitted into the cut groove (17) of the lower threaded portion (14) integral with the fixture and the screw part (27) is formed with a fastener (20), said fastener at the bottom of the packing can be mounted in the adapter with the connector (38) and the, wherein the connector (38) with the support fixture to be fastened to the threaded portion (14) and is composed of a fastener (30).

Inventors

NAM, JOON WOOK

Technology domains

Civil engineering

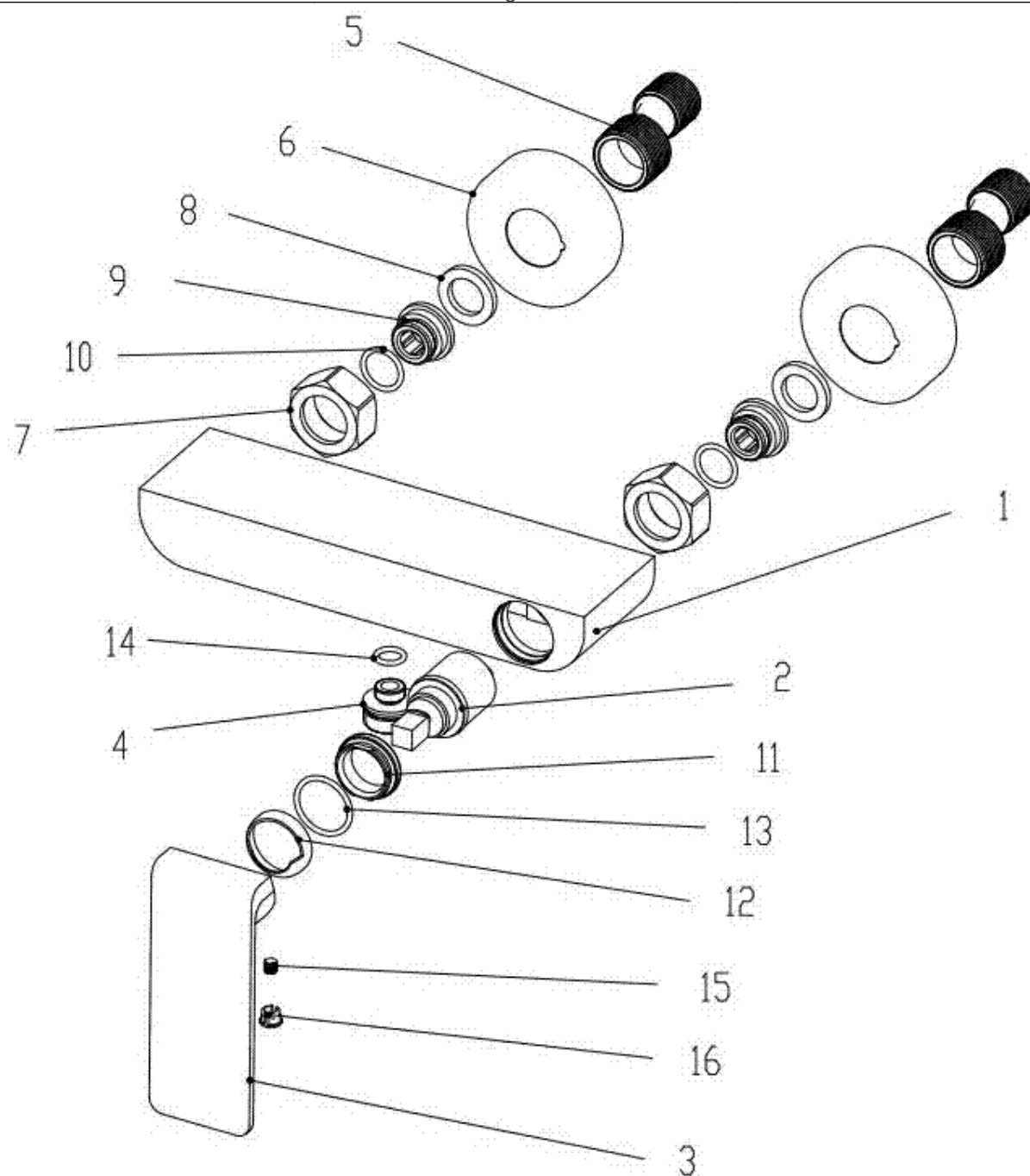
Mechanical elements

Family 79/100 - FAMPAT - ©Questel

Title

(CN207419607U)

Shower **faucet structure****Images**



Publication data including kind & date

CN207419607

U

2018-05-29

CN207419607U



Abstract

(CN207419607U)

The utility model discloses a shower **faucet structure**, including the shower main part, locate handle that last water sealing valve core and control in the shower main part went up water sealing valvecore switching water, locate shower main part bottom and connect, locate the water receiving subassembly that the shower main part back and wall connection installed with the communicating shower header hose of shower main part water course, the water receiving subassembly is connected the hexagon nut that the copper curved foot of **installation**, curved foot that copper curved foot passed decoratedcup, the screw -thread fit copper curved foot outside including realizing wall body pipeline and shower main part, still include the flat shim located in proper order between copper curved foot and the shower main part, manage dentifrice water position connecting piece, a O type circle. This shower **faucet structure's** shower main part inner **structure** is simple, and the pouring yields is improved,because shower main part simple **structure** to it is low than before to make shower main part cost, the valve core **installation** hole of shower main part can use with the cooperation of various cases, not restricted by the case brand, and is very convenient.

Inventors

FENG WEIZHAO

Latest standardized assignees - inventors removed

OMASA SANITARY WARE INDUSTRY

Technology domains

Civil engineering

Mechanical elements

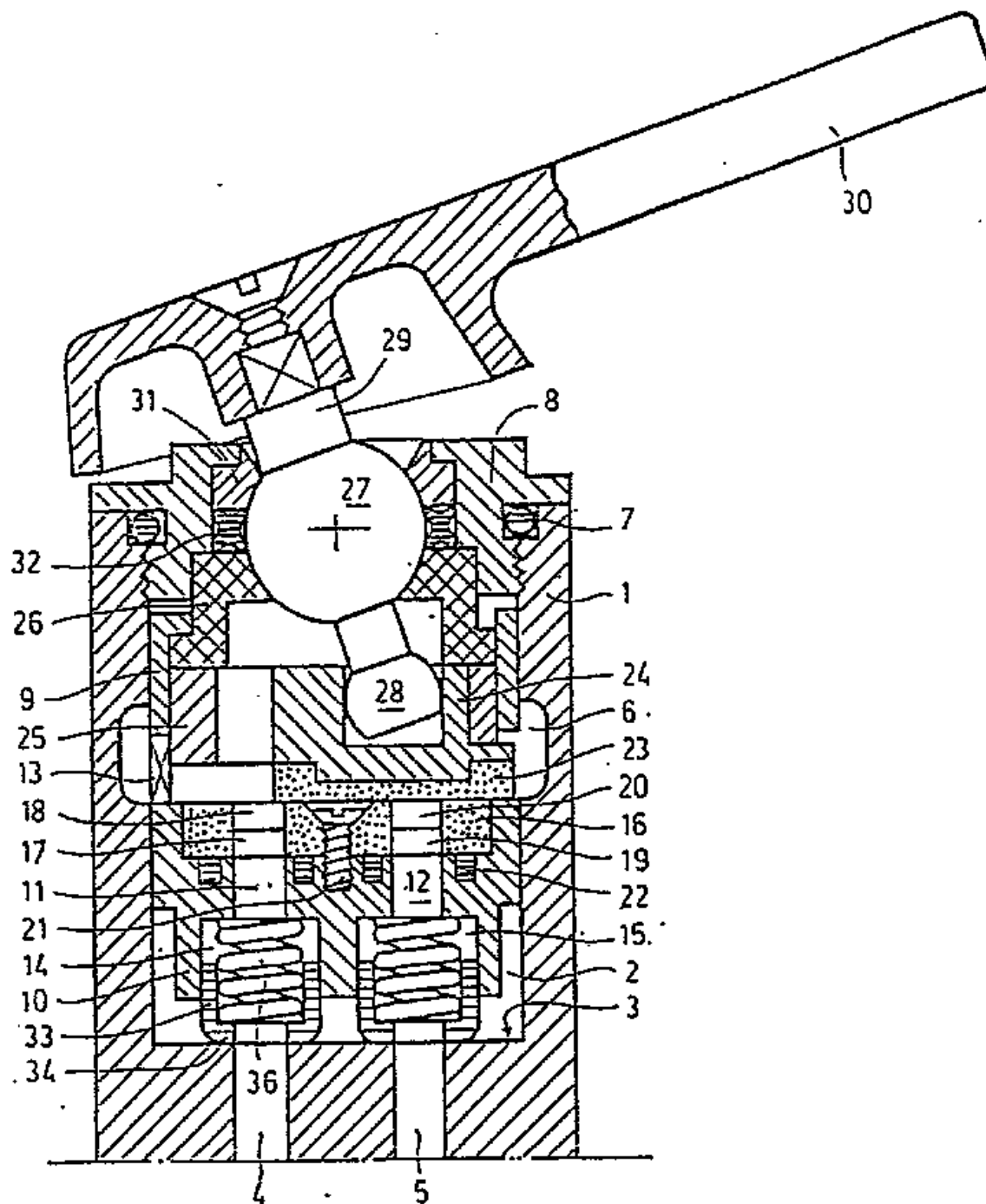
Family 80/100 - FAMPAT - ©Questel

Title

(WO9105191)

Cartridge for a single control lever mixing faucet with connecting pipes reinforced by elastic means

Images



Publication data including kind & date

WO9105191

A1 1991-04-18

WO9105191

FR2654174

A1 1991-05-10

FR2654174



FI912663	A0	1991-06-03	FI9102663				
DK106791	A	1991-06-04	DK9101067				
DK106791	D0	1991-06-04	DK9101067				
GB9111056	D0	1991-07-17	GB9111056				
GB2242506	A	1991-10-02	GB2242506				
DE3991752	T	1992-01-30	DE3991752				
CH680683	A5	1992-10-15	CH-680683				
FR2654174	B1	1993-01-15	FR2654174				
GB2242506	B	1993-09-22	GB2242506				
JP6052105	B2	1994-07-06	JP94052105				
DE3991752	C2	1997-07-10	DE3991752				
FI100425	B	1997-11-28	FI-100425				
DK173504	B1	2001-01-15	DK-173504				

Abstract

(WO9105191)

A cartridge for a mixing **faucet** having a control lever (30) mounted to a pivot ball (27) in which the compressive sealing force between the water conduits of the cartridge (9) and the corresponding water conduits of the body (1) of the **faucet** is provided by tubes (33) made from resilient material forming the seal and being positioned in counterbores (14, 15) of passages (11, 12) of water through the base (10) of the cartridge, and opens toward the external surface of the cartridge base. The tubes (33) protrude from the counterbores of the cartridge to abut against the end (3) of cavity (2) in **faucet** body (1). The counterbore (14, 15) also mounts a spring means (36) to provide the compressive force for the seals and cartridge. In addition, hydraulic pressure in the counterbores exerts a certain amount of force with respect to the bottom of the cartridge against the **faucet** body.

Inventors

KNAPP ALFONS

Latest standardized assignees - inventors removed

MASCO

Technology domains

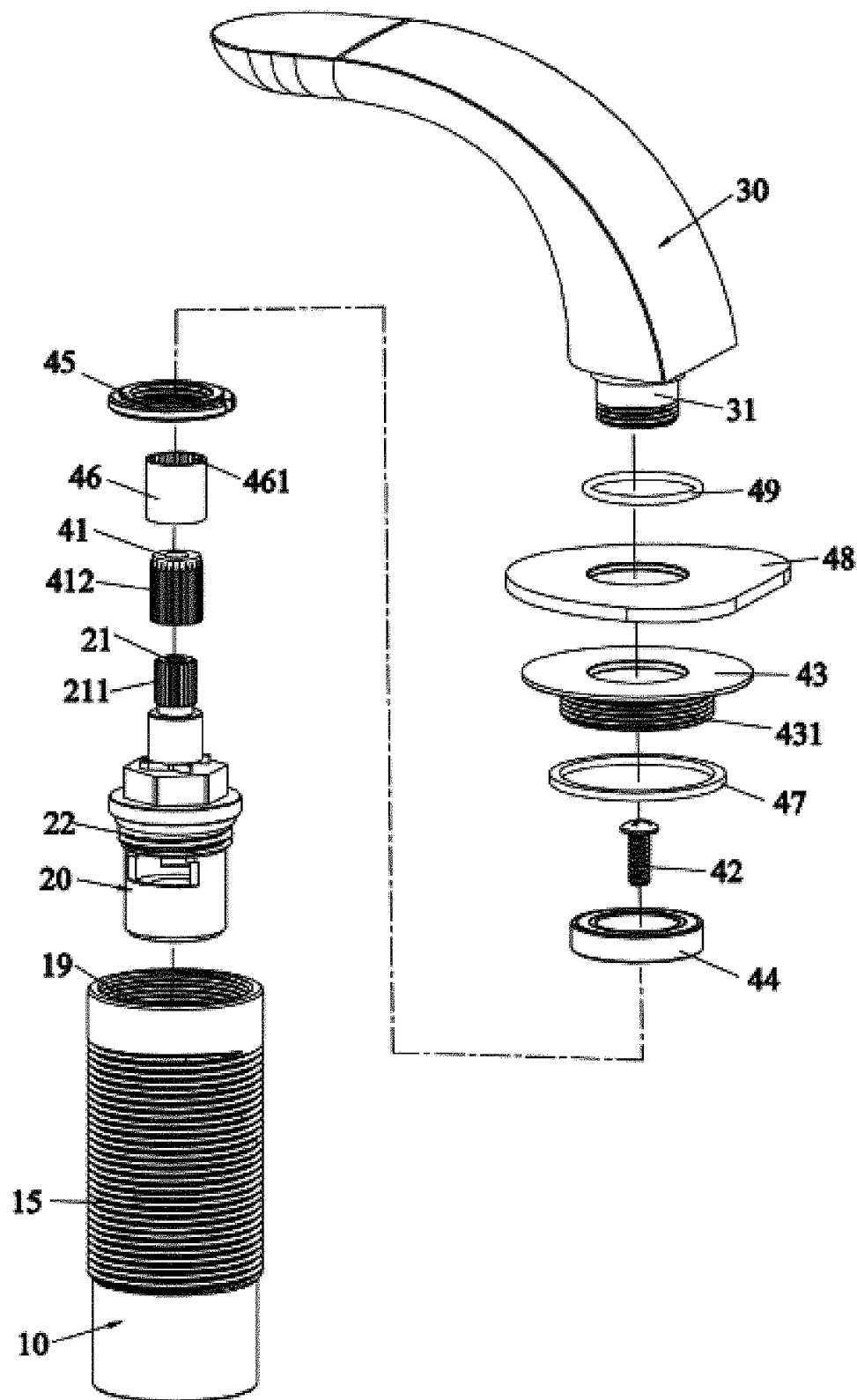
Mechanical elements

Family 81/100 - FAMPAT - ©Questel

Title

(US10125477)

Faucet structure**Images**



Publication data including kind & date

US20170211259	A1	2017-07-27	US20170211259
US10125477	B2	2018-11-13	US10125477



Abstract

(US10125477)

The present invention relates to a **faucet structure** comprising an **installation** pipe body, a valve core unit and a handle;

wherein the **installation** pipe body comprises an **installation** cavity and a water cavity interconnected to each other, wherein the opening of the **installation** cavity is located on top; a water inlet and a water outlet connected to the water cavity; wherein the valve core unit is rotationally disposed in the **installation** cavity and wherein the lower end of the valve core unit extends into the water cavity; wherein the upper end of the valve core unit has a teeth column, wherein the outer side of the teeth column forms the first outer teeth; wherein the jacket of the teeth column is provided with the first teeth sleeve; wherein the inside of the first teeth sleeve forms the first inner teeth, wherein said first inner teeth is engaged with the first outer teeth; wherein the outside of the first teeth sleeve forms the second outer teeth; wherein the lower end of the handle further comprise an **installation** part; wherein the outside of the **installation** part is provided with an end cap, a bearing and a locking ring; wherein an **installation** hole is provided in the **installation** part; wherein the second teeth sleeve is fixed on the inner wall of the **installation** hole; wherein inside of the second teeth sleeve forms the second inner teeth, wherein the second inner teeth is engaged with the second outer teeth.

Inventors

LIN XIAOZU

Latest standardized assignees - inventors removed

JOUGOR SANITARY TECHNOLOGIES

Technology domains

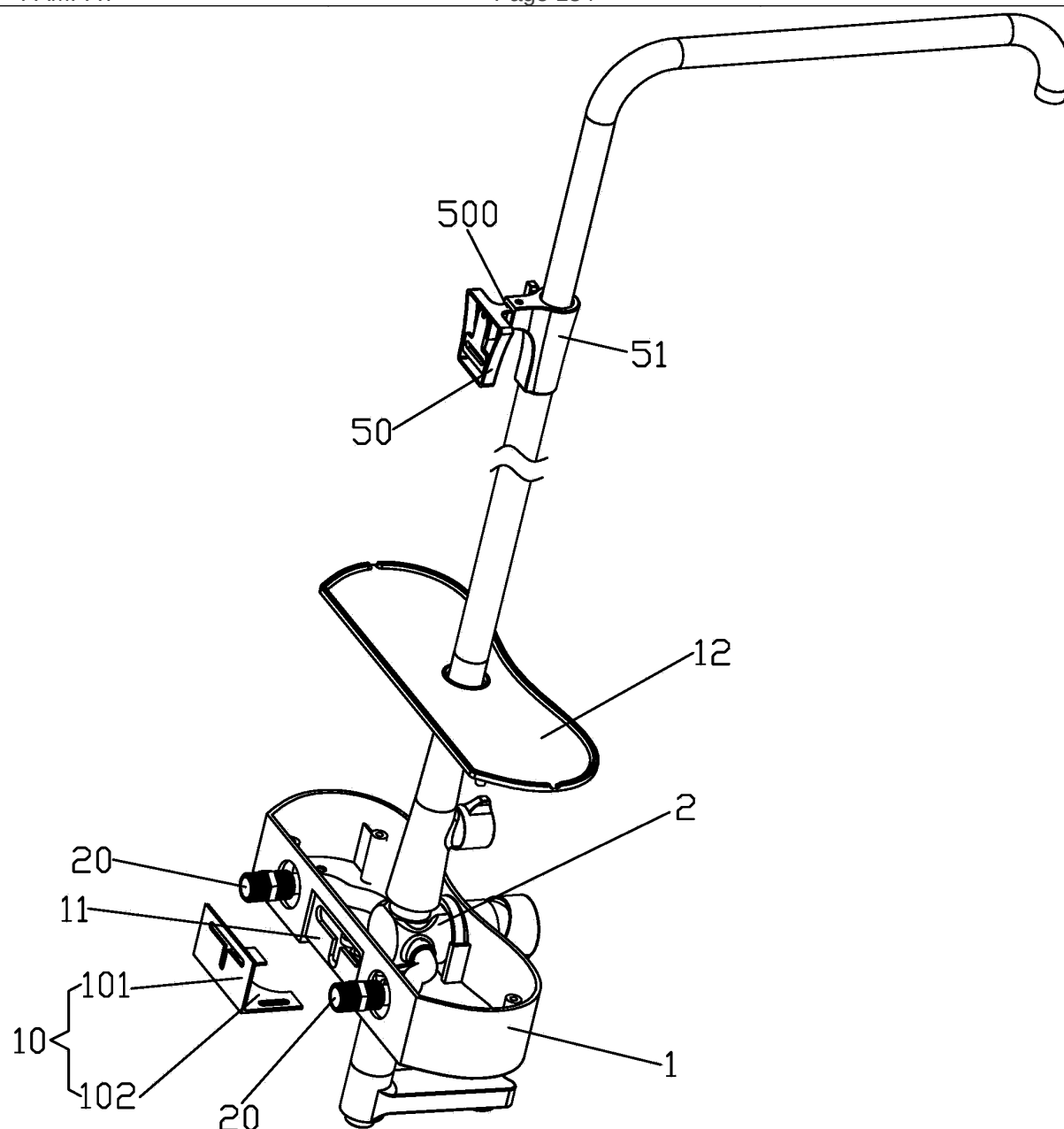
Civil engineering

Family 82/100 - FAMPAT - ©Questel

Title

(CN203724010U)

Rapid **installation structure** used for shower assembly and provided with storage box**Images**

**Publication data including kind & date**

CN203724010

U

2014-07-23

CN203724010U

**Abstract**

(CN203724010U)

The utility model discloses a rapid **installation structure** used for a shower assembly and provided with a storage box. The rapid **installation structure** comprises the storage box, a **faucet** is arranged inside the storage box and connected with a shower, a control switch is arranged on the side face, far away from the wall, of the storage box, the side face, close to the wall, of the storage box is detachably connected with a supporting block, and meanwhile a cold water inlet and a hot water inlet of the **faucet** are connected with an external cold water inlet pipe and an external hot water inlet pipe through quick connectors respectively. According to the rapid **installation structure**, the supporting block is fixedly arranged on the wall, then the storage box is arranged on the supporting block in supported mode, and **installation** of the storage box can be accomplished; meanwhile, the external cold water inlet pipe and the external hot water inlet pipe can be connected with the cold water inlet and the hot water inlet of the **faucet** through the two quick connectors respectively, and connection of a shower assembly water route is accomplished; thus, the shower assembly is easier, more convenient and rapider to install.

Inventors

DONG LIJUAN

Technology domains

Furniture, games

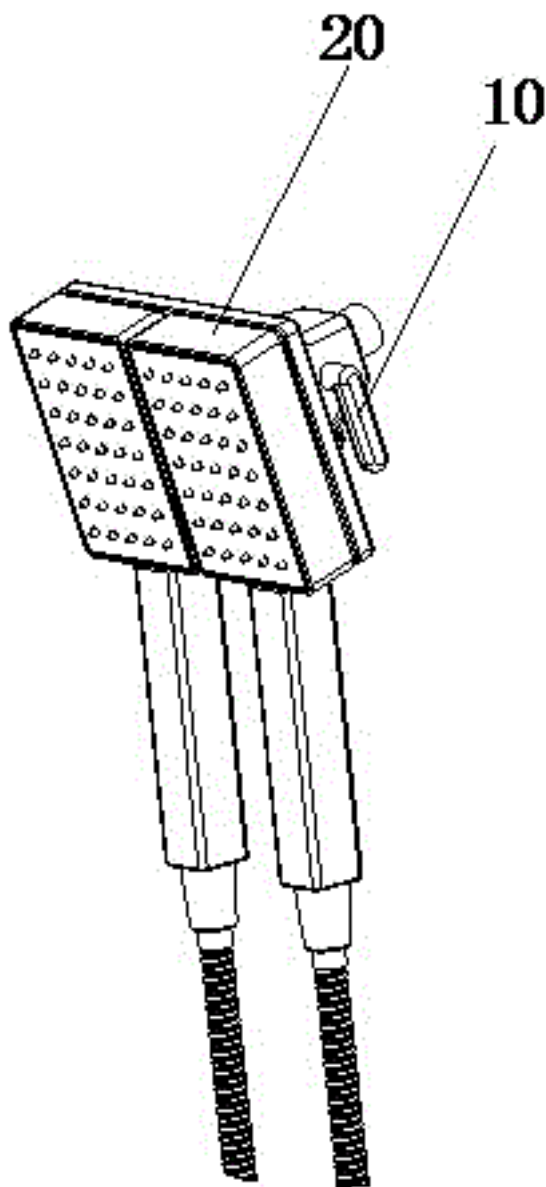
Family 83/100 - FAMPAT - ©Questel

Title

(CN205995659U)

Gondola water **faucet** and multidirectional shunt connector **structure**

Images



Publication data including kind & date

[CN205995659](#)

U

2017-03-08

CN205995659U



Abstract

(CN205995659U)

The utility model provides a gondola water **faucet** and multidirectional shunt connector **structure**, including setting up in the gondola water **faucet** of multidirectional shunt front side, multidirectional shunt front end front side is equipped with the gondola water **faucet** more than two or two, multidirectional shunt have into the water end and with the play water end (W. E.) of each gondola water **faucet** UNICOM. The utility model discloses combined gondola water **faucet** and multidirectional shunt, occupation space is little, can realize the quick assembly disassembly and the combination of each gondola water **faucet**, has greatly made things convenient for to make and the later maintenance change, can also realize out the long - pending regulation of the surface of water as required.

Inventors

CHEN YONG

DAI SHENGCHAO

DU SHENGJUN

Latest standardized assignees - inventors removed

RUNNER

Technology domains

Chemical engineering

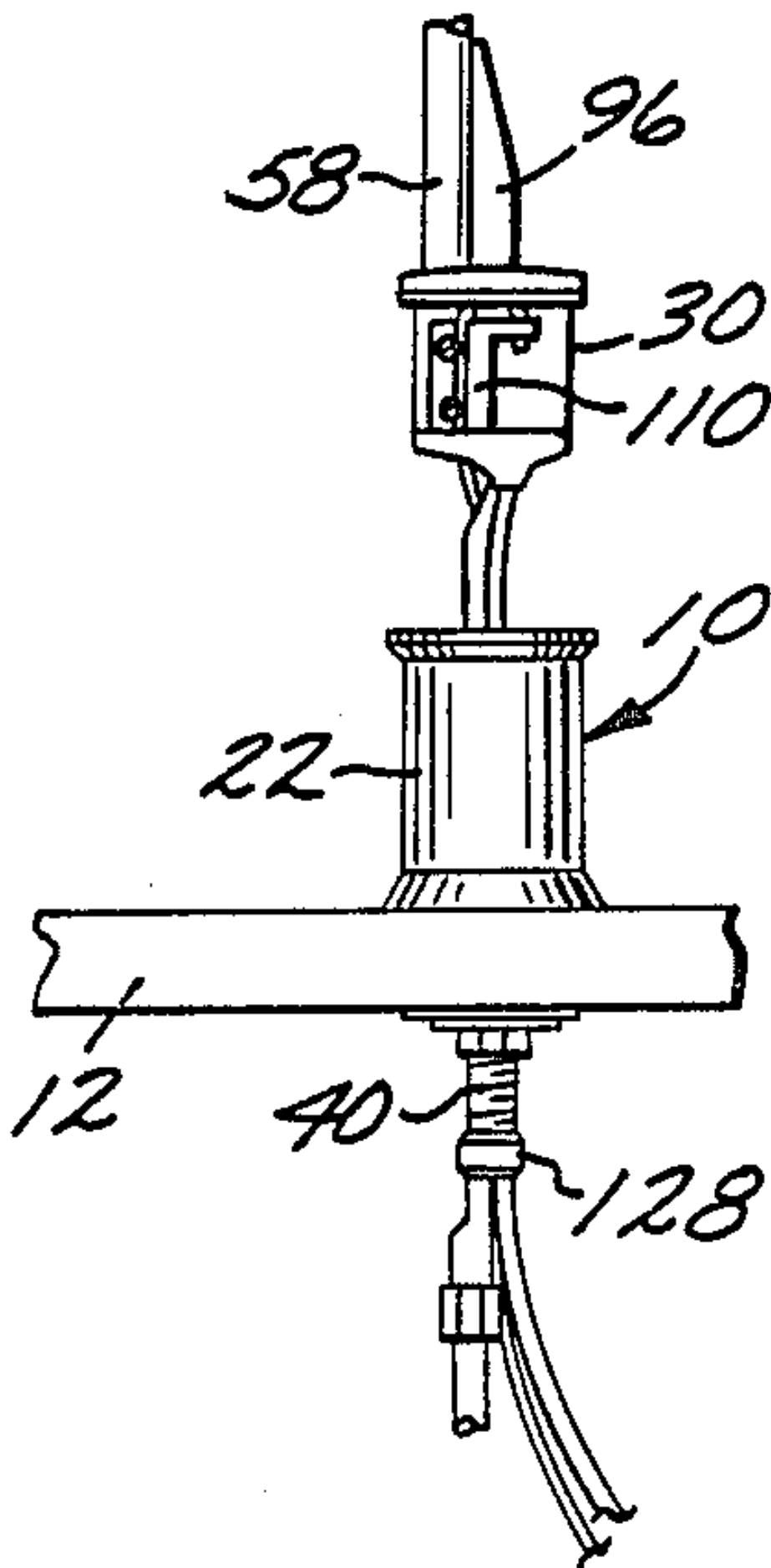
Family 84/100 - FAMPAT - ©Questel

Title

(US4856121)

Air gap faucet

Images



Publication data including kind & date

US4771485	A	1988-09-20	US4771485
US4856121	A	1989-08-15	US4856121

**Abstract**

(US4856121)

An air gap **faucet** for attachment to sink **structure**. The **faucet** includes a housing which encloses upper and lower mounts which together define an integral air gap. The upper mount carries a valve mechanism operative to dispense potable water. The potable water and associated conduits are slidably disposed through the lower mount so that the upper mount can be raised above the lower mount and **faucet** housing for easy inspection of the valve mechanism and the air gap components.

Inventors

TRAYLOR PAUL L

Technology domains

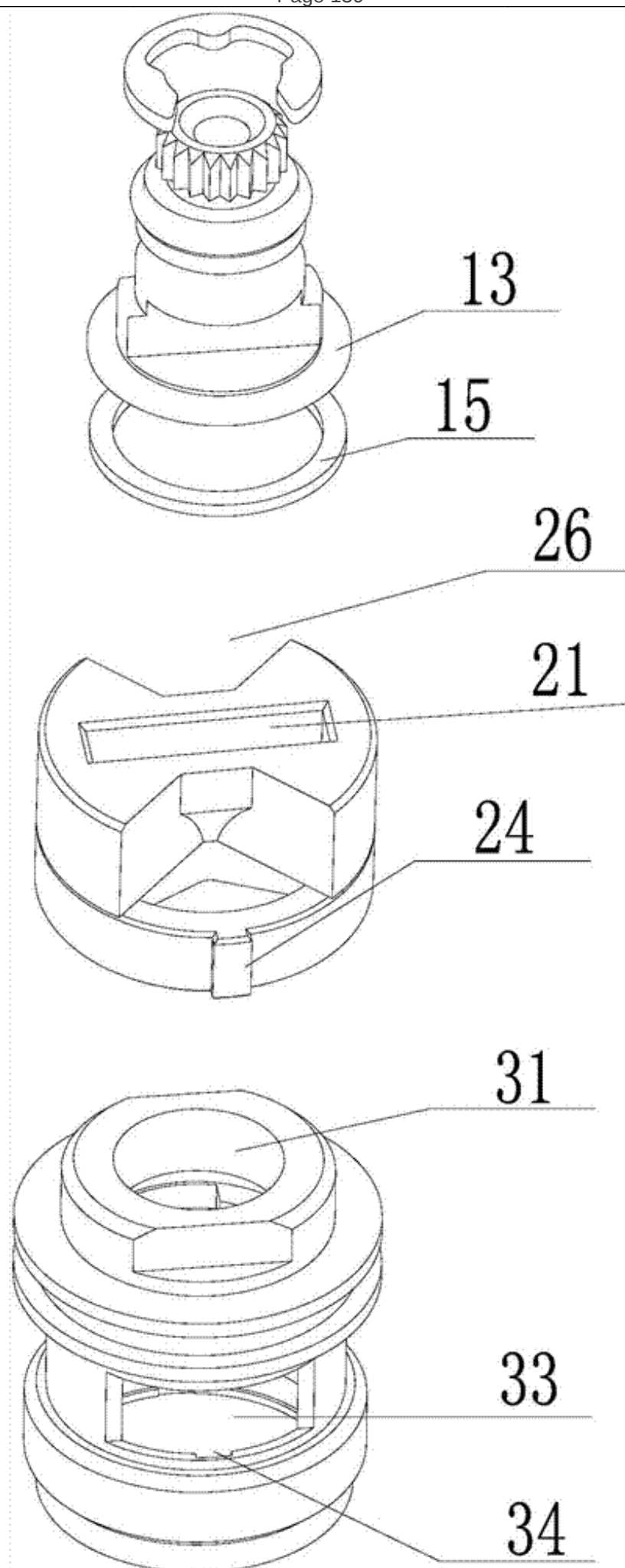
Civil engineering

Family 85/100 - FAMPAT - ©Questel

Title

(CN207297928U)

Large -traffic **faucet** valve core**Images**



Publication data including kind & date[CN207297928](#)

U 2018-05-01

CN207297928U

**Abstract**

(CN207297928U)

The utility model provides a large -traffic **faucet** valve core, including case support frame (3), rotatable body (2) and **coupling** mechanism (1), the **coupling** mechanism bottom has rotatory bump (11), rotatable body includes independent turning block (22) and fixed block (23), the cylinder of shape for having two relative fan -shaped post breach (26) of turning block, the shape of fixed block is the cylinder that has two relative sectorial through hole (25), the case support frame has hollow **structure**, during the assembly, put into **coupling** mechanism from the lower part of case support frame, make the turning block be connected with **coupling** mechanism to cooperation realization through linmiting salient point (24) and spacing concave point (34) is spacing, again O type circle (35) under fixedblock lower part **installation**. The utility model discloses a **faucet** valve core **structure** can effectively improve water yield to the 2Lmin of small -size tap, is applicable to all kinds of small -sized taps.

Inventors

DONG JIAN

YUAN YINPING

Latest standardized assignees - inventors removed

BEIJING ORIGINWATER SCIENCE & TECHNOLOGY

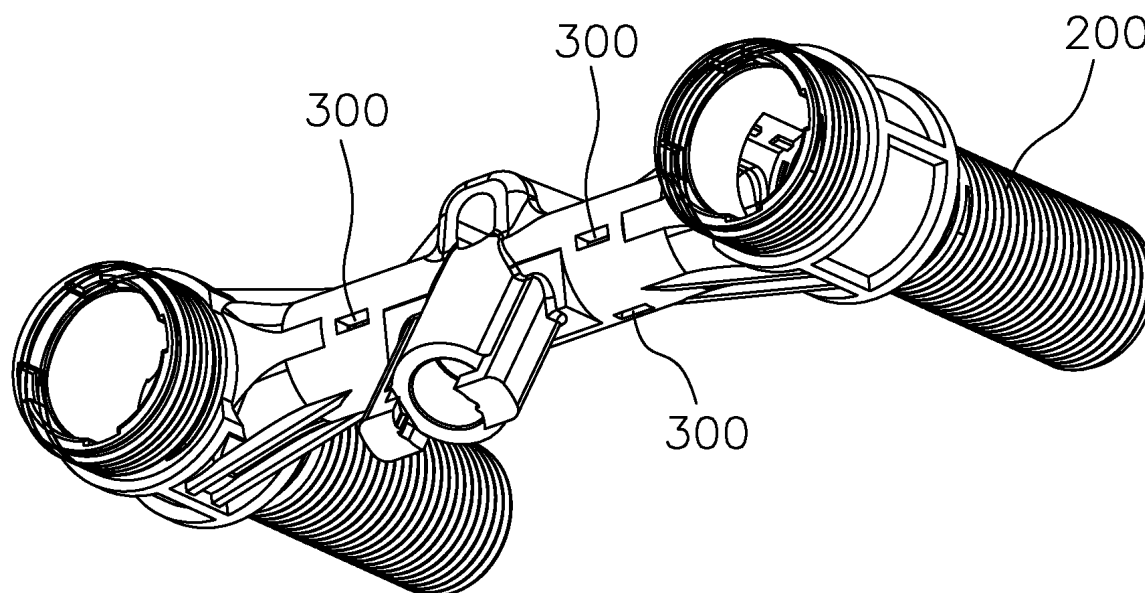
Technology domains

Mechanical elements

Family 86/100 - FAMPAT - ©Questel

Title

(US20120056351)

Method for forming an integral **faucet** core assembly**Images****Publication data including kind & date**[CN101973104](#)

A 2011-02-16

CN101973104

[US20120056351](#)

A1 2012-03-08

US20120056351

**Abstract**

(US20120056351)

A method for forming an integral **faucet** core assembly comprises steps as follows: In step 1, a die for one-time molding and cores relatively set on the die are prepared to one-time mold a body with two inlet channels, at least one outlet

channel, and at least one middle fluid channel; the middle fluid channel is arranged perpendicular to the two inlet channels; exteriors of the channels are respectively provided with an inlet, an outlet, and a core-pulling hole; further, a plug is formed by a plug die for densely sealing the core-pulling hole. In step 2, the plug and a sealing ring are installed in the core-pulling hole of the body so as to form an insert for an over molding. In step 3, the insert is placed into a die for the over molding so as to be wrapped in a covering, thereby facilitating the plug being set correlative to the body. An integral **faucet** core assembly is achieved after the drawing of the die. The present invention allows a firm **structure** of the body of the **faucet** canal core to be achieved, which contributes to the convenient **installation**, the facile utilization, the extended using life, and the leakage prevention.

Inventors

XU WEIQIANG

Latest standardized assignees - inventors removed

XIAMEN RUNNER INDUSTRIAL

Technology domains

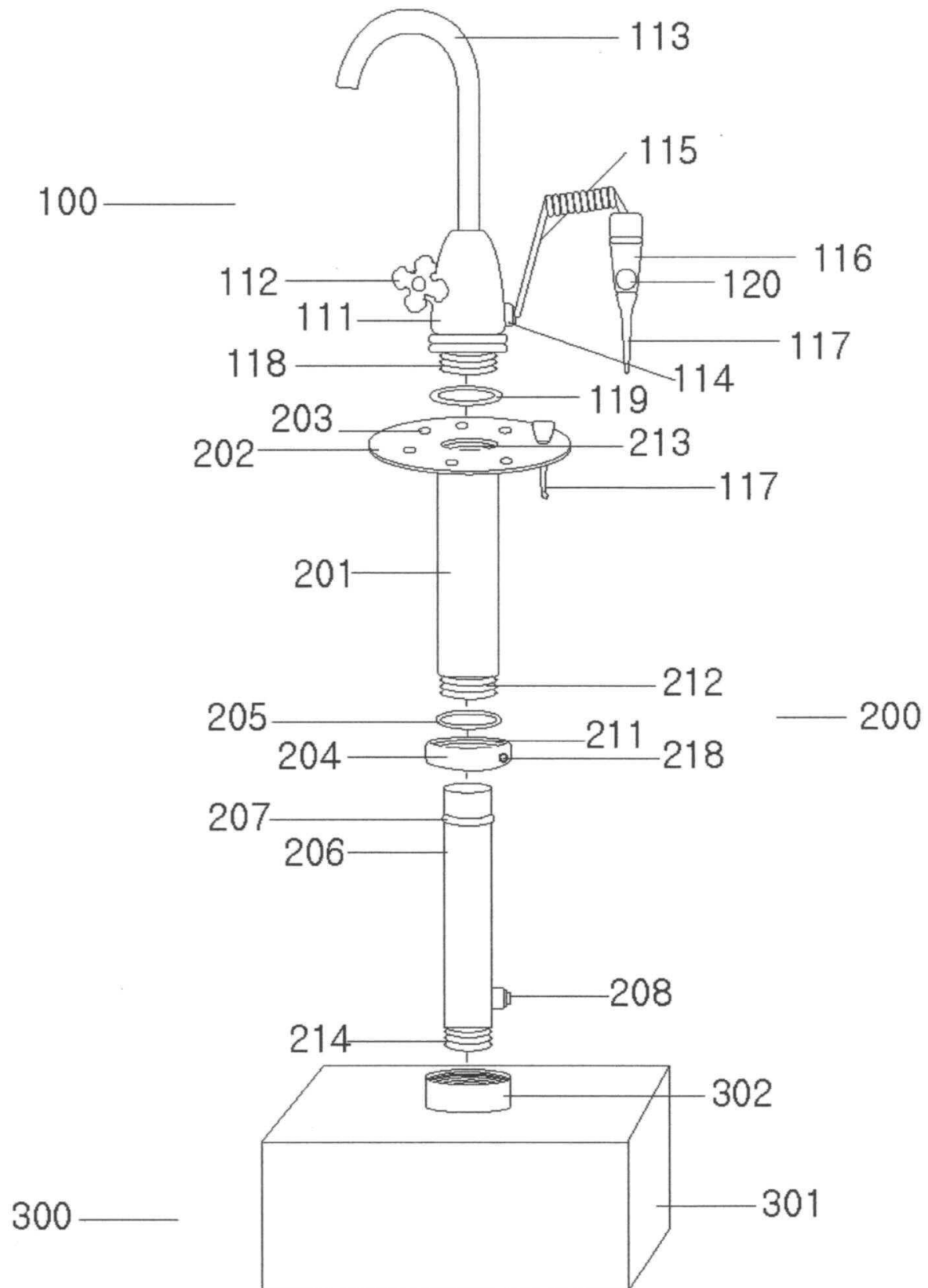
Other special machines

Family 87/100 - FAMPAT - ©Questel

Title

(KR20140023093)

The **faucet** device of water purifier for washbasin**Images**



Publication data including kind & date

[KR20140023093](#)

A 2014-02-26 KR20140023093



Abstract

(KR20140023093)

The present invention relates to a purifier water outlet device for a washstand, and more specifically, to a purifier water outlet device installed at the washstand in a bathroom and having an adjustable height and direction. According to the present invention, the purifier water outlet device for the washstand is a **faucet** part which comprises: an inner pipe of which one side has screws coupled to a purifier water outlet pipe socket attached to a purifier and the other side is inserted into an outer pipe; a connecting nut fastened to outer pipe male screws, and mutually **coupling** the inner pipe and the outer

pipe; a connecting nut O-ring positioned inside the connecting nut, and positioned between the inside of the outer pipe and the outside of the inner pipe after the connecting nut is tightened; the outer pipe of which one side has the outer pipe male screws coupled to connecting nut female screws and the other side has a holder having faucet part female screws of which the center is fastened with faucet part male screw pipe; the faucet part male screw pipe fastened to the faucet part female screws; a valve; a discharge pipe; a valve handle; an oral irrigator fitting unit positioned on the opposite side of the valve handle and under the valve; a tube connected to the oral irrigator fitting unit; and an oral irrigator installed at the end of the tube.

Inventors

MOON, YOUNG SOO

MOON, DU YOUNG

Technology domains

Chemical engineering

Civil engineering

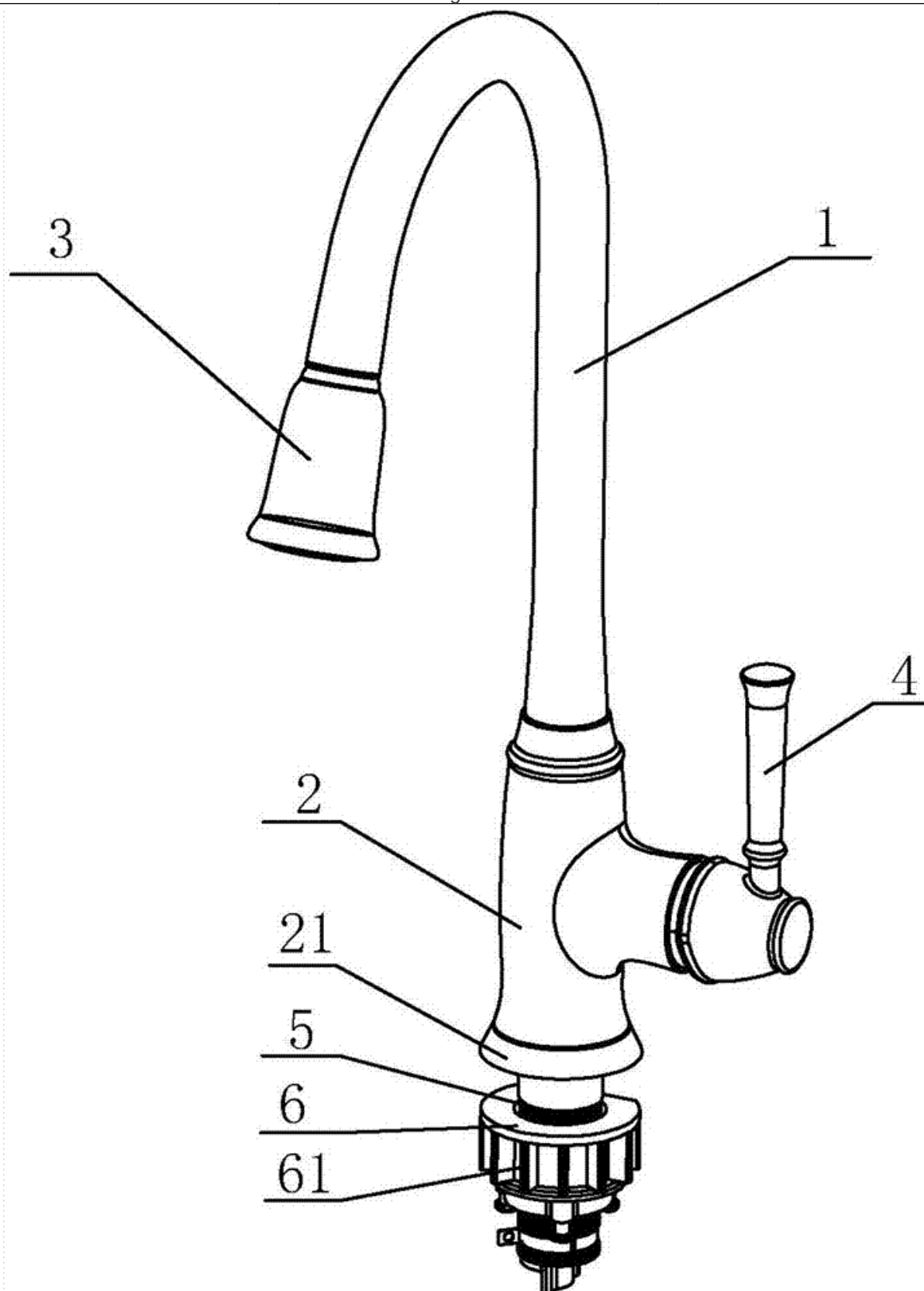
Family 88/100 - FAMPAT - ©Questel

Title

(CN107504242)

Drawing-out faucet easy to assemble

Images

**Publication data including kind & date**[CN107504242](#)

A

2017-12-22

CN107504242

**Abstract**

(CN107504242)

The invention discloses a drawing-out faucet easy to assemble. The drawing-out faucet easy to assemble comprises a faucet main body, wherein a water outlet bent pipe and a valve seat are arranged on the faucet main body; a switch valve and a handle connected with the switch valve are arranged on the valve seat; a drawing-out spray head connected with the switch valve is arranged at the position of a water outlet port of the water outlet bent pipe; the drawing-out spray head is connected with the water outlet bent pipe in a manner of magnetic attraction; a thread connection pipe is arranged at a part

located at a water inlet port, of the bottom of the **faucet** main body; a fastening nut is arranged on the thread connection pipe; a flange is arranged at the bottom end of the valve seat; and the drawing-out spray head is connected with the water outlet bent pipe in a manner of magnetic attraction. The drawing-out **faucet** easy to assemble is simple and practical in **structure**, and convenient and flexible to use; during **installation**, the thread connection pipe penetrates through an **installation** table from top to bottom, and the **faucet** main body is fixed to the **installation** table through the matching of the flange and the fastening nut; and the drawing-out **faucet** easy to assemble is convenient and fast in **installation** operation, and firm and stable in **structure**.

Inventors

LIU LIBING

Latest standardized assignees - inventors removed

ZHEN XULEI

Technology domains

Civil engineering

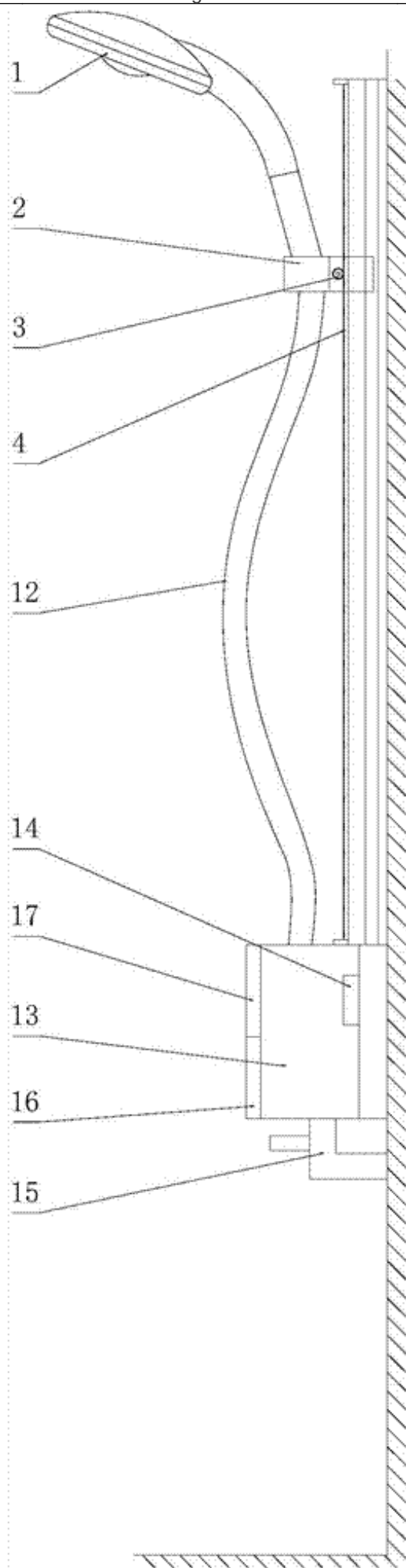
Mechanical elements

Family 89/100 - FAMPAT - ©Questel

Title

(CN208194703U)

But height -adjusting's thermostatic type bathroom gondola water **faucet****Images**



Publication data including kind & date

CN208194703

U

2018-12-07

CN208194703U

**Abstract**

(CN208194703U)

The utility model discloses a but height -adjusting's thermostatic type bathroom gondola water faucet, including the gondola water faucet, shower pedestal, the spout, the lug, installation base and temperature regulation box, the installation base is kept away from wall one side and is provided with the lug, the spout is inboard to be provided with a plurality of balls with lug contact department, the fixed rack that is provided with in wall one side is kept away from to the lug, be provided with the gear in the space of spout inboard, lug one side integrated into one piece is kept away from to the spout has shower pedestal, the gondola water faucet passes through the hose and installs the temperature regulation box connection in installation base bottom, the inside temperature sensor that is provided with of temperature regulation box, temperature regulation box is connecting the inlet tube in the bottom, fixed mounting has controller and display on the temperature regulation box outer wall, the display is connected with temperature sensor, this kind of but height -adjusting's thermostatic type bathroom gondola water faucet drives shower pedestal through the gear and slides from top to bottom to can be according to user's height automatically regulated gondola water faucet height, the temperature control valve through controller control inlet tube comes automatically regulated shower temperature.

Inventors

CHEN WENYUAN

Latest standardized assignees - inventors removed

NANAN HAIYING SANITARY WARE

Technology domains

Chemical engineering

Civil engineering

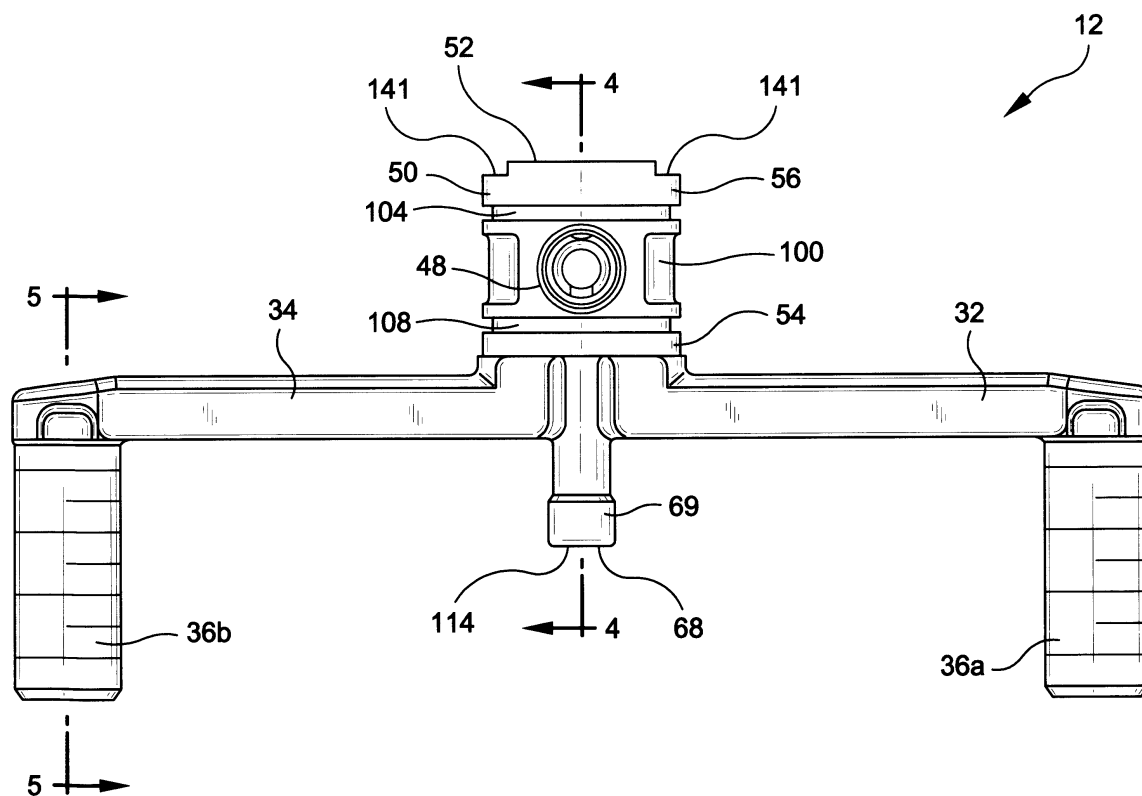
Family 90/100 - FAMPAT - ©Questel

Title

(EP1147330)

Faucet with one-piece manifold body

Images



Publication data including kind & date

WO200045071	A2	2000-08-03	WO200045071
CA2360140	A1	2000-08-03	CA2360140
AU2860300	A	2000-08-18	AU200028603
WO200045071	A3	2000-11-30	WO200045071
US6202686	B1	2001-03-20	US6202686
EP1147330	A2	2001-10-24	EP1147330
KR20010101768	A	2001-11-14	KR20010101768
BR0007836	A	2002-01-15	BR200007836
BRPI0007836	A1	2002-01-15	BRPI0007836
CR6150	A	2002-02-15	CR---6150
CN1339078	A	2002-03-06	CN1339078
MXPA01007665	A	2002-08-20	MX2001PA007665
EP1147330	A4	2003-04-09	EP1147330
KR100448507	B1	2004-09-13	KR100448507
CN1167859	C	2004-09-22	CN1167859C
BRPI0007836	A2	2011-12-13	BR200007836



Abstract

(EP1147330)

The present invention relates to a **faucet** (10) which includes a one-piece manifold body (12) and a swivel spout (14) pivotally mounted on the body (12). The body (12) preferably has first and second leg portions (32, 34) for accepting fluid flow therethrough. The **faucet** (10) may also preferably include an escutcheon (16) coupled to the body (12), a cartridge (30) coupled to the body (12), and a retainer ring (130) interposed between the cartridge (30) and the body (12). In one preferred embodiment, the **faucet** (10) may include an auxiliary outlet mechanism which may include a diverter valve (118) disposed in the body (12), as well as a hand spray (22) coupled to the body (12) and in fluid communication with the diverter valve (118).

Inventors

PITSCH WALTER

MUELLER JUERGEN

Latest standardized assignees - inventors removed

IDEAL STANDARD

Technology domains

Civil engineering

Mechanical elements

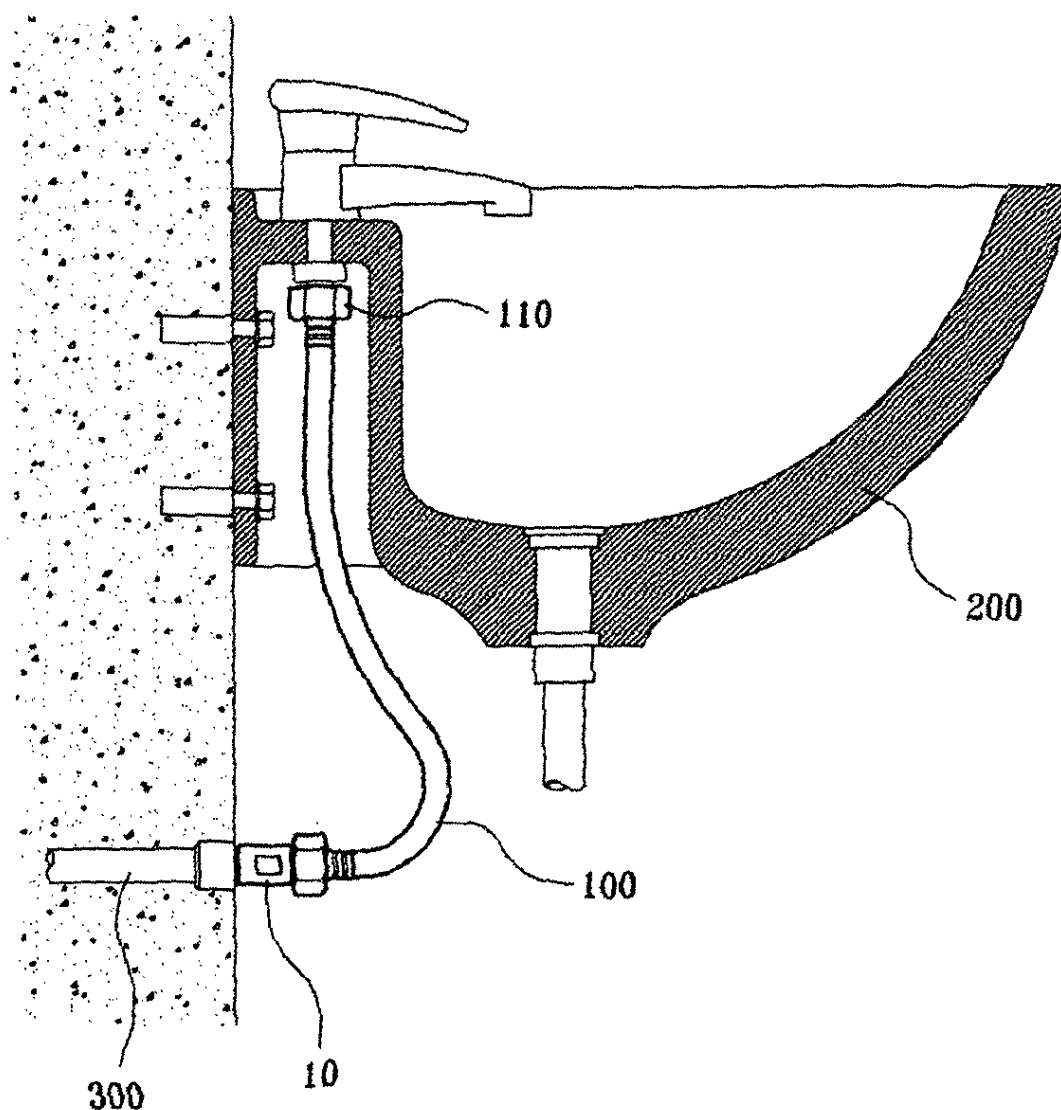
Family 91/100 - FAMPAT - ©Questel

Title

(WO201385159)

Faucet push valve

Images



Publication data including kind & date

[KR101143869](#)

B1 2012-05-14

KR101143869

[WO2013085159](#)

A1 2013-06-13

WO201385159



Abstract

(WO201385159)

The present invention relates to a push valve, which is installed on a feed pipe through which tap water is supplied from a water supply, for supplying tap water to faucets on bathroom sinks, toilets, kitchen sinks, bathtubs, among others, and to a **faucet** push valve, which is provided with a valve having a very simple **structure** and does not require a separate valve by having an adapter that opens when connected to a connection hose thereby supplying tap water to the **faucet** on a

bathroom sink, for example, is simple to install on the bathroom sink, for example, and repair, and which can significantly reduce the cost of **installation**. The main components according to one embodiment of the present invention comprise: the adaptor which is screw-coupled to the feed pipe through which the tap water is supplied from the water supply and is provided with a mini stopper having a through-puncture on the center portion of a through-hole; the push valve, which is installed by being inserted into the through-hole and the through-puncture provided on the adaptor and comprises a body, a rod, and a head; and a packing, which is installed by being inserted into one side of the through-hole provided on the adaptor, for preventing separation of the push valve.

Inventors

LIM YEON JEONG

LIM SANG HO

Latest standardized assignees - inventors removed

SAMJIN TEC

Technology domains

Civil engineering

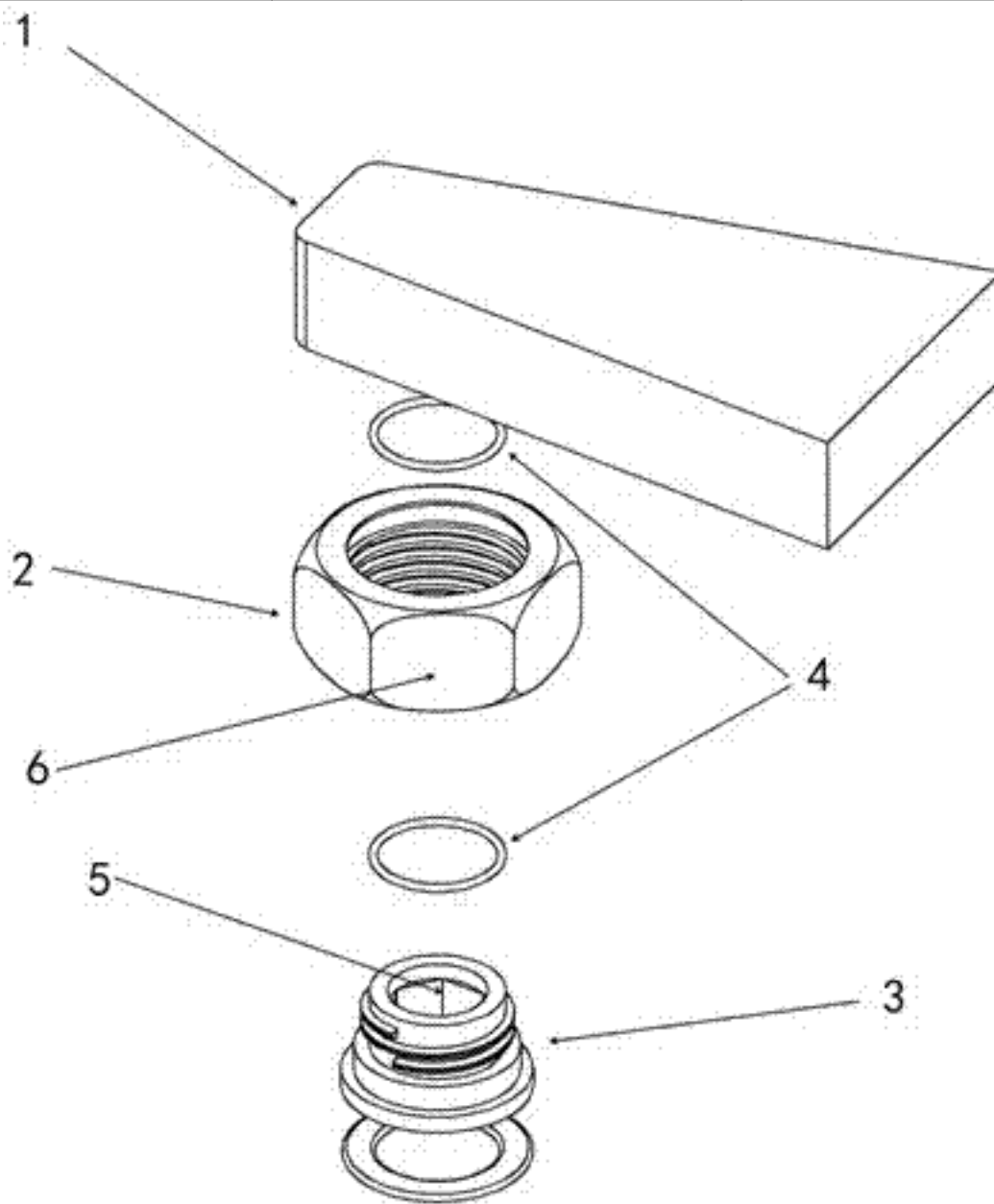
Mechanical elements

Family 92/100 - FAMPAT - ©Questel

Title

(CN206386543U)

Enamel / ward off glass technology water **faucet** valve men neiya loose joint **structure****Images**

**Publication data including kind & date**

CN206386543

U

2017-08-08

CN206386543U

**Abstract**

(CN206386543U)

The utility model discloses an enamel / ward off glass technology water **faucet** valve men neiya loose joint **structure**, connect core and two seal **structure** including water tap shell, hexagonal nuts, outer tooth, water tap shell is last be equipped with in the tooth screw thread, tooth screw thread in being equipped with on the hexagonal nuts, water tap shell is through one of them seal **structure** and hexagonal nuts through interior tooth thread sealing adapter **coupling**, outer tooth is connected and to be equipped with outer tooth screw thread on the core, and the core is connected through another seal **structure** and hexagonal nuts through interior tooth thread sealing adapter **coupling** to outer tooth. The utility model discloses interior tooth hickey on tap's casing, interior tooth loose joint accessory is optimized, and screw thread department need not carry out application of slip sintering enamel layer just can reach normal connection and sealed effect, has the loose joint function again, the effectual connection problem of having handled enamel tap screw department makes enamel tap effectively avoid water pipe to be unable to stir any more and **installation** space not enough problem again when the **installation**.

Inventors

ZHENG ZHIWEI

Technology domains

Mechanical elements

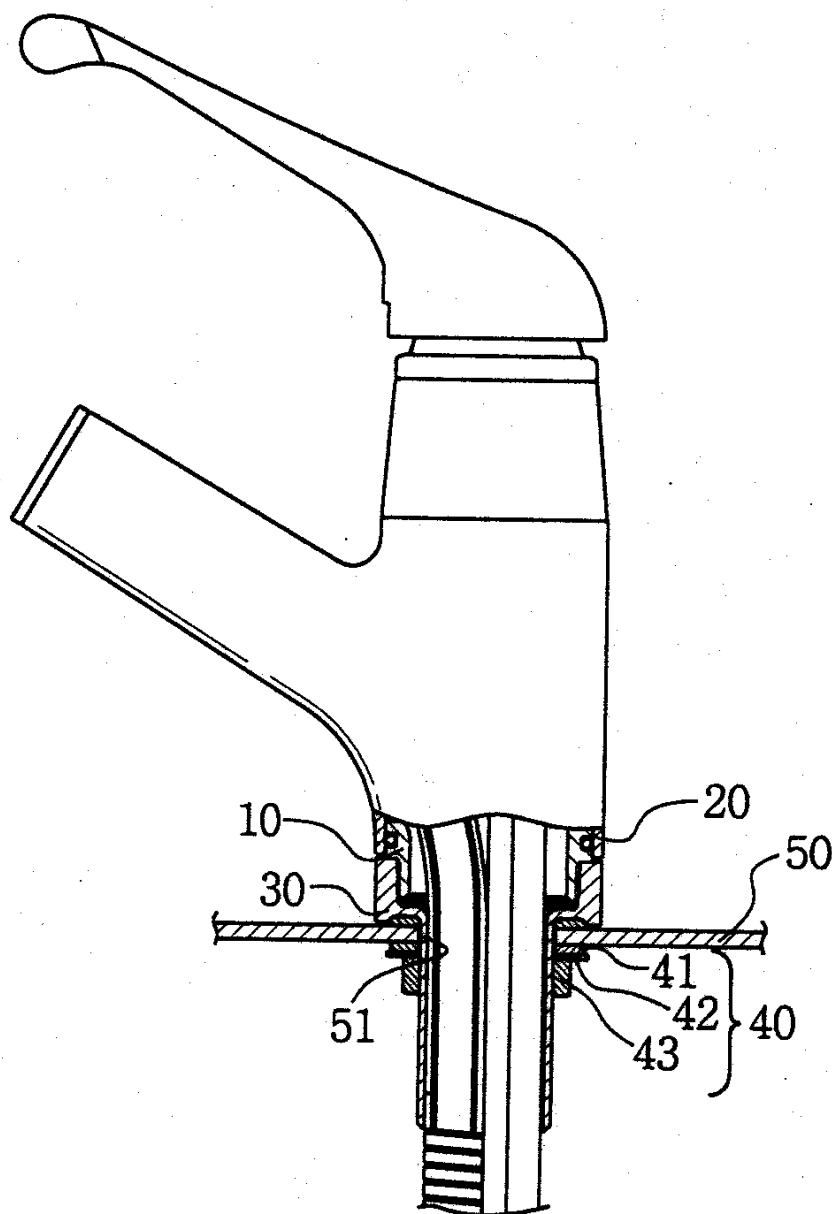
Family 93/100 - FAMPAT - ©Questel

Title

(KR200229544U)

Faucet for mounfing sinic

Images



Publication data including kind & date

[KR200229544](#)

Y1 2001-07-19

KR200229544U



Abstract

(KR200229544U)

This invention relates to a **faucet** body having a shank in the form of a separate sink band while more easily and firmly assembled sink band that can be made as regards the **faucet** attachment, for the purpose of the present invention comprises a sink band attachment **structure** in the **faucet**, the outer peripheral surface of the lower end of the front side of the body (10) and a fastening hole (11); fastening hole formed in (11) the outer circumferential surface of the body (10) and is rotatably coupled to the, wherein the body of the (10) fastening hole (11) (12a) in the same horizontal through holes

formed in the base ring (12); fastening hole and the (1) outer peripheral surface of the body (10) of the fitting hole (31a) is formed on the same horizontal line with the bottom of the (10) body which an insertion projection (31) and, at the lower end of the insertion projection (31) is integrally provided with the seating part of the (32) flange, wherein the outer peripheral surface at the bottom of the seating portion (32) to form a spiral helix portion (33) is integrally provided on the inside with a tubular shank (30) vertically penetrating the same; shank (30) which is fitted into the spiral portion (33) of the rubber ring (41) and threaded lock nut and (43) washer (42) is formed of a fastening means (40); (12a) of the base ring (12) and the through hole of the body (10) through the fastening hole (11) (31a) is inserted into the fitting hole of the shank (30) to be fastened to the nose (31) side locking means (60) such that a feature of the present invention.

Inventors

KIM, DONG-UK

Latest standardized assignees - inventors removed

DAELIM TRADING

Technology domains

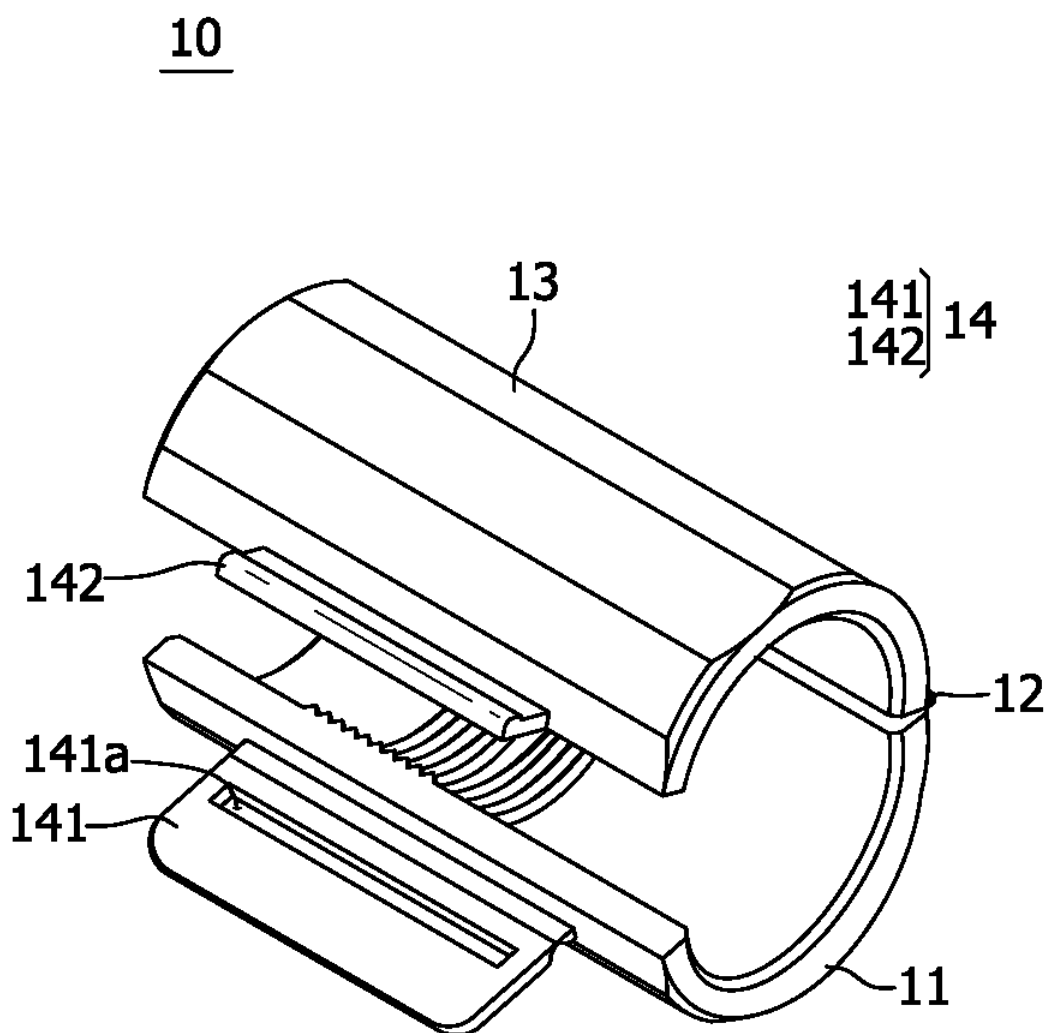
Civil engineering

Family 94/100 - FAMPAT - ©Questel

Title

(KR200480905U)

Opening and shutting type hose lock nut for faucet

Images

Publication data including kind & date

KR200480905

Y1 2016-07-20

KR200480905U

**Abstract**

(KR200480905U)

1. Techniques for gold sector view design is gated onto the fixing nut hose faucet, and more particularly, to a sink faucet in a sink mounted on the bracket coupled with one, for opening and closing the cold water supply hose and a faucet spray head hose decentralised manner on the bracket fixed to a bracket receiving the replacement at work and installation work time can be shortened to the opening and closing a faucet hose fixing nut for gold in the form of the invention. 2. This design is effective in an open configuration and in a state where the hose is inserted inside the closed after closing locking manner, inserted inside a hose faucet to the hose fixing nut to fix the gated for gold according to the prior art by providing a structure relative to the lock nut of a circular lingzhi receiving bracket at work and installation replacement is significantly shortened work time can be.

Inventors

Dismiss

Technology domains

Civil engineering

Mechanical elements

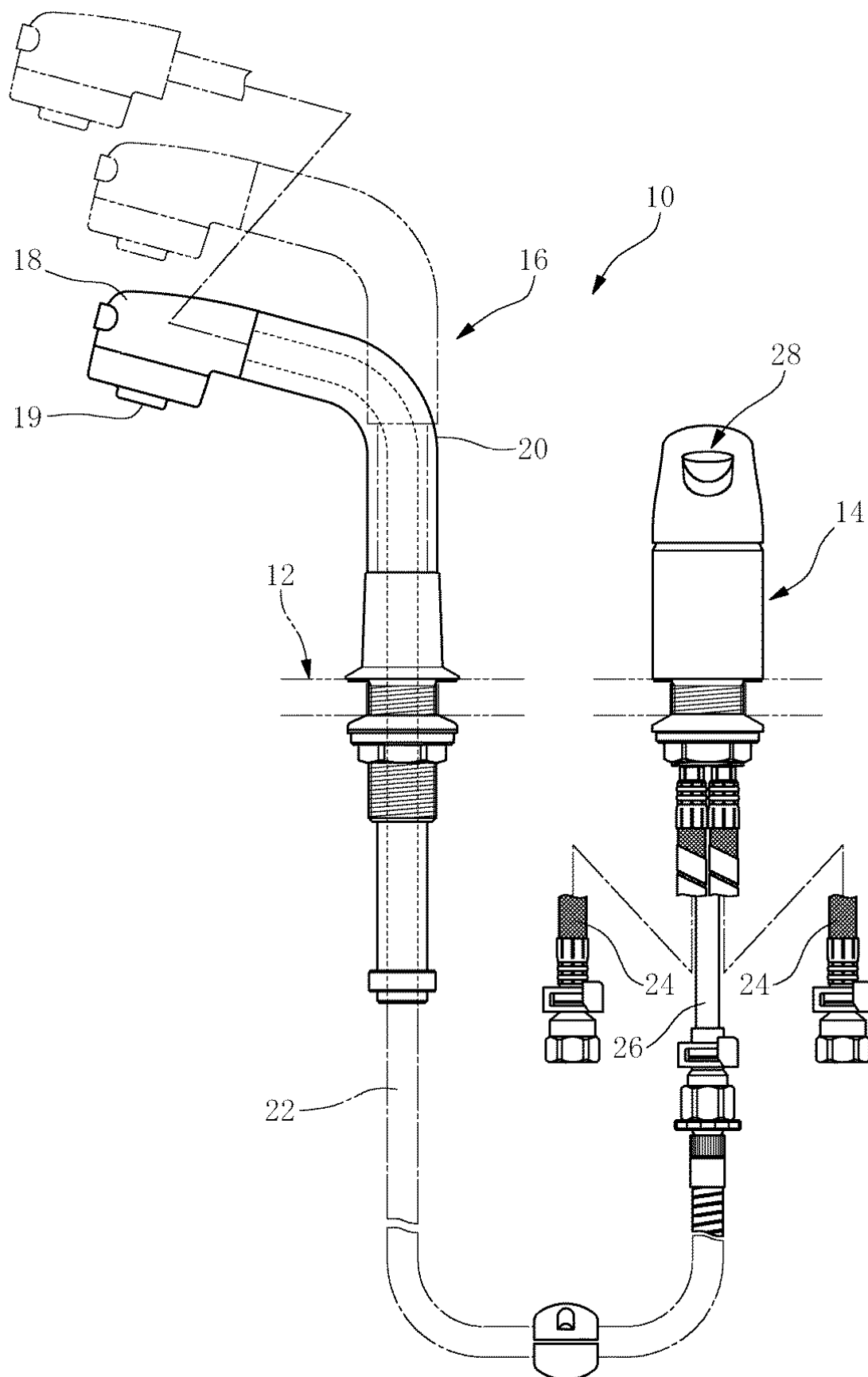
Family 95/100 - FAMPAT - ©Questel

Title

(JP2003129532)

Single-lever faucet with click mechanism

Images

**Publication data including kind & date**[JP2003129532](#)

A 2003-05-08

JP2003129532

[JP3875064](#)

B2 2006-11-02

JP3875064

**Abstract**

(JP3875064)

PROBLEM TO BE SOLVED: To provide a single-lever **faucet** with a click mechanism which generates a click feeling in a

proper position in a vertical turning operation of a lever so as to save water, and can be easily attached to/detached from a normal faucet. SOLUTION: To this single-lever faucet for discharging/stopping water and adjusting the volume of the water in accordance with the vertical turning operation of a single lever 28, there is assembled the click mechanism 74 having: a movable member 76 which is fixed to the single lever 28 and turned integrally with the vertical and horizontal turning of the single lever 28; a fixed member 78 which is fixed to a faucet body in a state of horizontally turning integrally with the movable member 76 without vertically turning integrally with the movable member 76; an engaging pawl 116 which is provided to the fixed member 78; a groove 90 to be engaged, which is provided in the movable member 76; and a spring member 80 which urges the engaging pawl 116 toward the groove 90. The click feeling is generated midway through the vertical turning operation of the single lever 28, so as to notify a user that the single lever 28 reaches a water-saving position.

Inventors

TAKAGI SHIGERU

NAGATA MASAACKI

Latest standardized assignees - inventors removed

INAX

Technology domains

Civil engineering

Mechanical elements

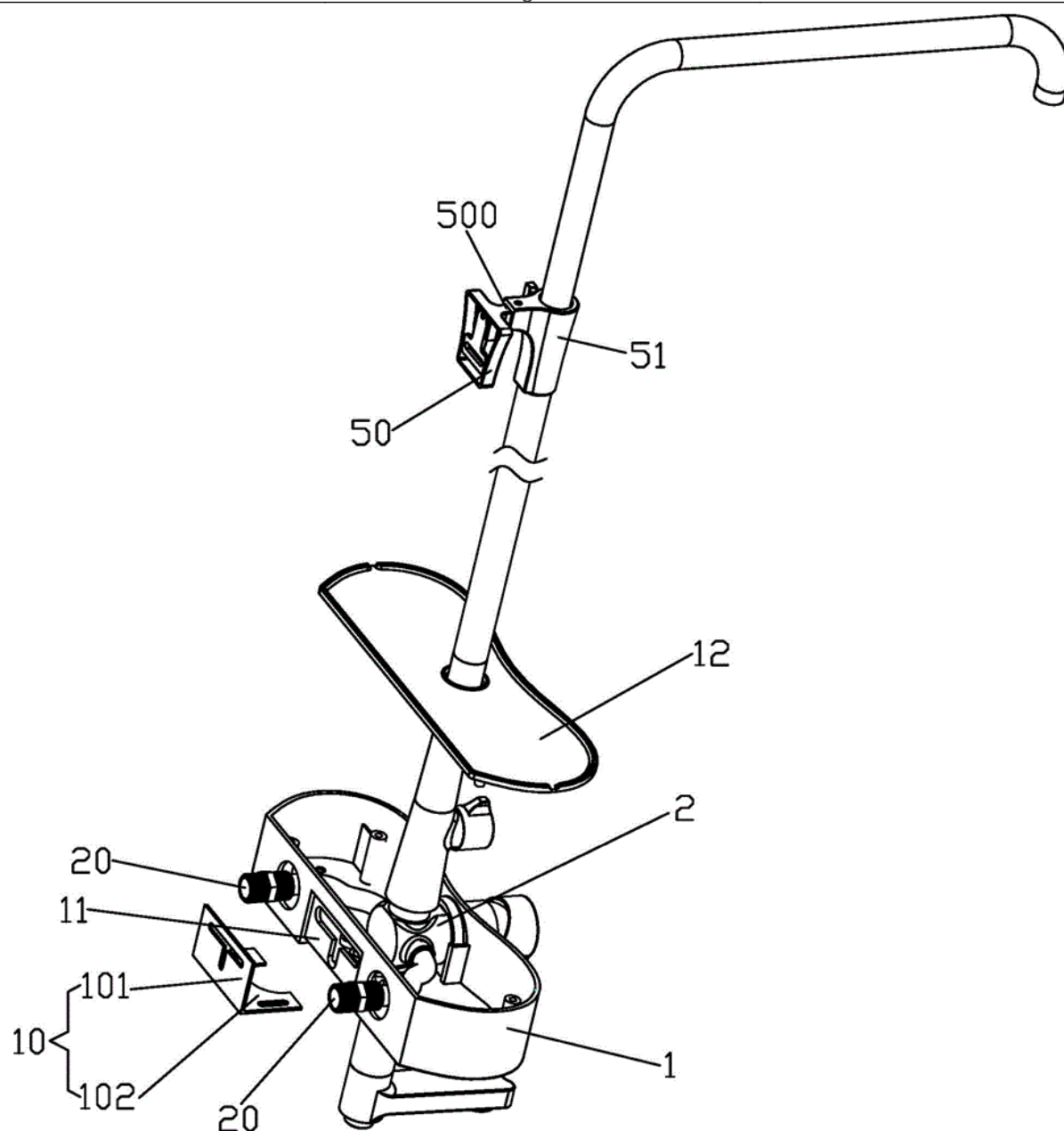
Family 96/100 - FAMPAT - ©Questel

Title

(CN103735205)

Fast installing structure of showering assembly with object placing table box

Images



Publication data including kind & date

CN103735205	A	2014-04-23	CN103735205
CN103735205	B	2017-05-03	CN103735205B



Abstract

(CN103735205B)

The invention discloses a fast installing **structure** of a showering assembly with an object placing table box. The fast installing **structure** comprises the object placing table box, a **faucet** is arranged in the object placing table box and connected with a shower, a control switch is arranged on a lateral side of the object placing table box away from a wall, a supporting block is connected on the lateral side of the object placing table box close to the wall in a detachable mode, and meanwhile, a cold water inlet and a hot inlet of the **faucet** are connected with an external cold water inlet pipe and an external hot water inlet pipe respectively through quick couplings. The supporting block is fixedly installed on the wall, then the object placing table box is supported on the supporting block, and installing of the object placing table box can be finished. The external cold water inlet pipe and the external hot water inlet pipe can be connected with the cold water inlet and the hot water inlet respectively through the two quick couplings so as to finish connection of a showering assembly water circuit, and installing of the showering assembly is simple, convenient and fast.

Inventors

DONG LIJUAN

Technology domains

Furniture, games

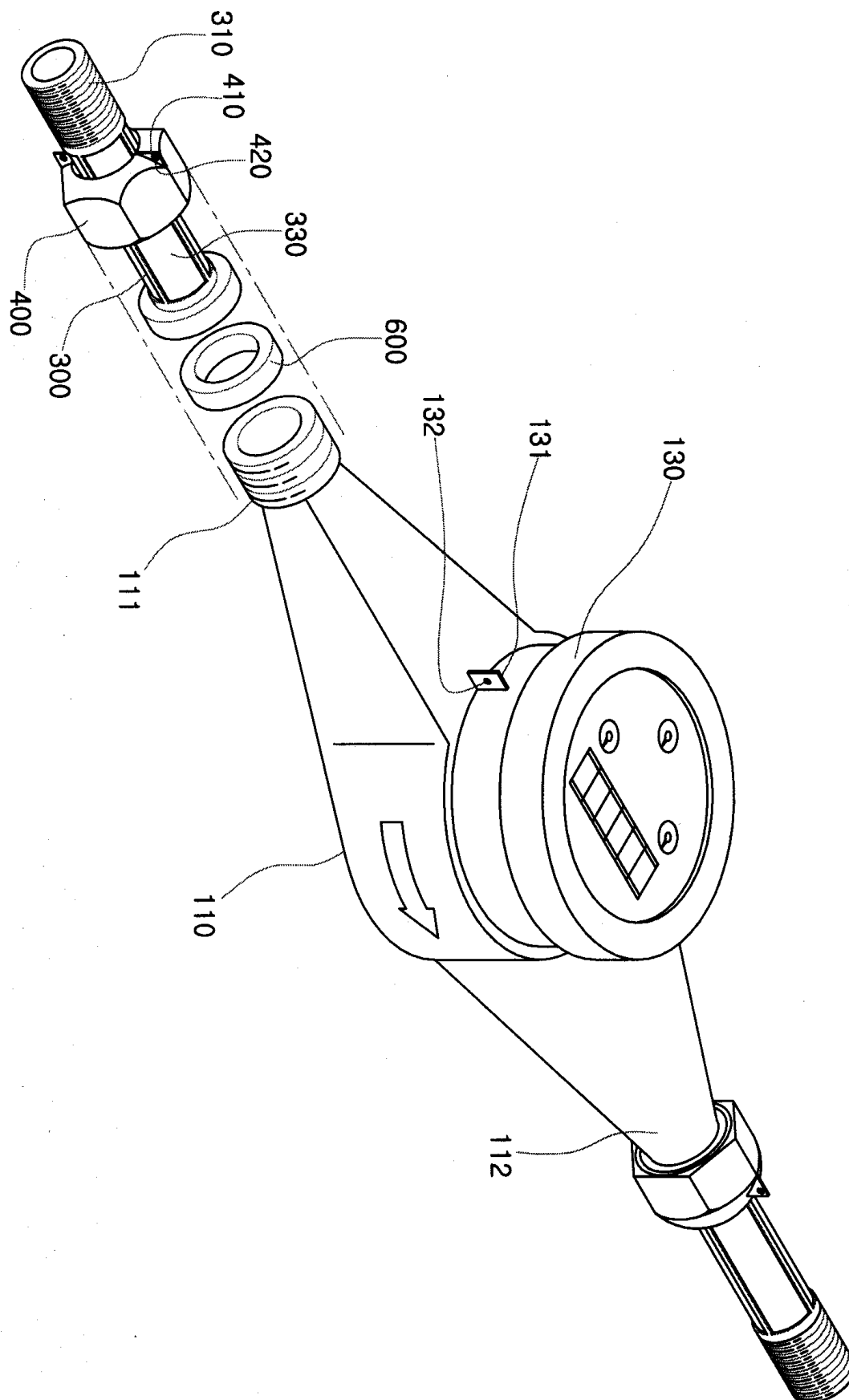
Family 97/100 - FAMPAT - ©Questel

Title

(KR200340235U)

A **coupling** pipe of water meter

Images



Publication data including kind & date

[KR200340235](#)

Y1 2004-01-31 KR200340235U



Abstract

(KR200340235U)

This invention relates to a water pipe and the meter body between the inlet pipe and an outlet pipe by providing a tap water pipe greatly facilitates the **installation** of the meter and, a plurality of grooves on the outer peripheral surface of the connecting pipe formed by as much as possible to reduce the manufacturing costs of the fastening with the nut at the same time by using a tool to secure the pipe to be supported on the other hand, meter cover and seal the **coupling** nut are connected by a tap water line to prevent unauthorized disassembly of the meter of the meter relates to a **faucet** pipe, In particular, this invention relates to a tap water meter and a water inlet pipe and an outlet pipe connected to the **coupling** nut as claimed in the invention, the inlet pipe and an outlet pipe installed between the pipe and a **faucet**, a **faucet** on one end of the connection pipe is mutually joined with the threaded portion of nut screw portion is formed, wherein the connection pipe is provided at one end of a corresponding jaw and the inner periphery of the **coupling** nut is formed on the outer circumferential surface and, wherein the screw portion and a plurality of grooves in the outer periphery of the outer peripheral surface of the jaws thereof in a longitudinal direction to form of the present invention.

Inventors

KIM, JONG BOK

Technology domains

Civil engineering

Family 98/100 - FAMPAT - ©Questel

Title

(US5562120)

Valve assembly for a **faucet** handle**Images**

CN1048307	C	2000-01-12	CN1048307C
HK1009711	A1	2000-04-20	HK1009711
CA2173194	C	2000-06-06	CA2173194
BRPI9600860	A1	2001-01-09	BR199600860

**Abstract**

(US5562120)

A valve assembly for a **faucet** handle comprises a valve body, a bonnet nut and a cartridge mounted therein. The valve assembly is factory assembled and tested and is adapted to fit within sink deck openings for easy **installation**.

Inventors

SPANO DONNA A

STEFFES RUDOLF

Latest standardized assignees - inventors removed

AMERICAN STANDARD

Technology domains

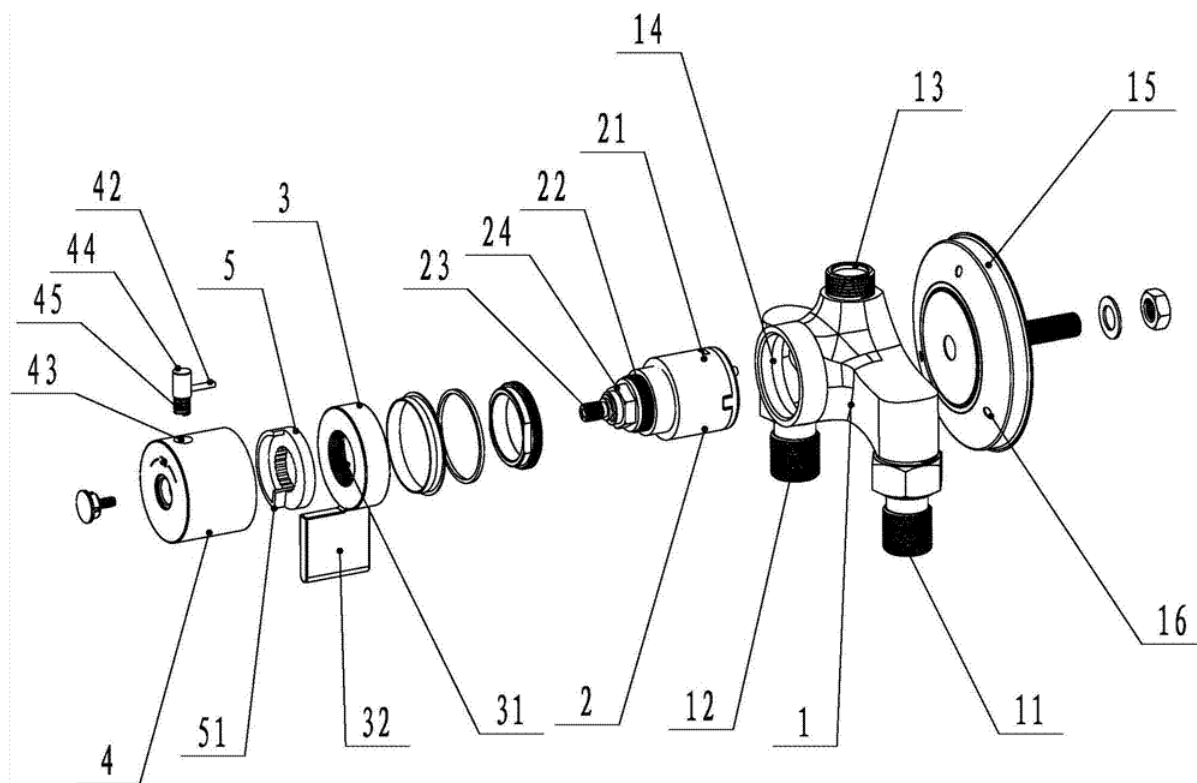
Civil engineering

Mechanical elements

Family 99/100 - FAMPAT - ©Questel

Title

(CN206320337U)

Obviously adorn shower **faucet****Images****Publication data including kind & date**[CN206320337](#) U 2017-07-11 CN206320337U**Abstract**

(CN206320337U)

The utility model discloses an obviously adorn shower **faucet**, including inside hollow main part, transversely to manage the lower extreme and be provided with cold, hot water inlet, horizontal pipe upper end is provided with the **faucet**, transversely manages the rear end and is connected with and is used for installing the base on the wall with this tap, transversely manages the outwardly directed valve **installation** room that is provided with in front end middle part, and valve **installation**

room internally mounted has two accuse thermo valves, and two accuse thermo valves are including the valve body, and valve body bottom is equipped with cold water opening, hot water mouth, delivery port, cold water opening, hot water mouth, delivery port communicate with cold water inlet, hot water inlet and **faucet** respectively. The utility model discloses simple **structure**, convenient operation can realize the independent control of the water yield and temperature, has avoided influencing each other of quantity of water regulation operation and temperature regulation control operation room, consequently can be respectively to the water yield with the temperature realization control accurately, it is very convenient to operate, has improved the convenience of use.

Inventors

LI DONGAN

YUAN QIONG

Kuang Zhifeng

Latest standardized assignees - inventors removed

HESHAN JIATAI SANITARY WARE INDUSTRIAL

Technology domains

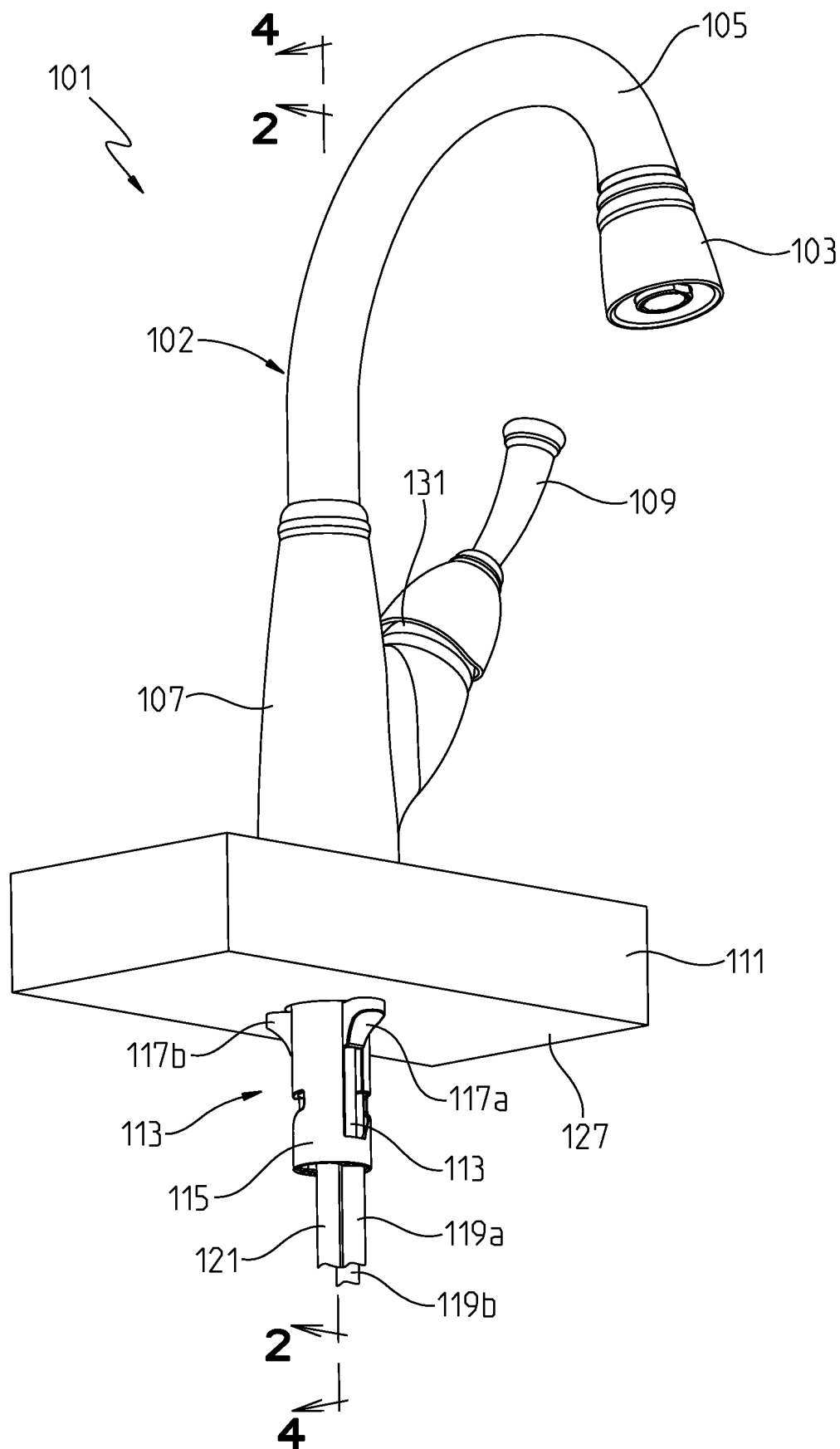
Mechanical elements

Family 100/100 - FAMPAT - ©Questel

Title

(WO2011146940)

Faucet mounting anchor**Images**

**Publication data including kind & date**

WO2011146939	A1	2011-11-24	WO2011146939
WO2011146940	A1	2011-11-24	WO2011146940
CA2796796	A1	2011-11-24	CA2796796
CA2796776			



	A1	2011-11-24	CA2796776				
CN102906479	A	2013-01-30	CN102906479				
CN102939423	A	2013-02-20	CN102939423				
US20130042926	A1	2013-02-21	US20130042926				
US20130048100	A1	2013-02-28	US20130048100				
CN102906479	B	2014-11-05	CN102906479B				
US8899259	B2	2014-12-02	US8899259				
CN102939423	B	2015-01-21	CN102939423B				
CA2796796	C	2015-03-24	CA2796796				
CA2796776	C	2015-03-24	CA2796776				
US9518382	B2	2016-12-13	US9518382				

Abstract

(WO2011146940)

A widespread **faucet** assembly may include one or more valve assemblies and a delivery spout. The anchors for the valve assemblies and delivery spout may be positioned within a mounting deck, and the valve assemblies and the delivery spout are releasably connected to the respective anchors to minimize **installation** tasks below the mounting deck.

Inventors

JONTE PATRICK B

ROSKO M SCOT

MIDKIFF TODD

VEROS MICHAEL J

Latest standardized assignees - inventors removedDELTA **FAUCET****Technology domains**

Civil engineering

Mechanical elements