

Search history

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Search 3: 1 and 2 (Results 1)
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Search 6: FT=(ASSEM*~ AND FAUCET~ AND STRUCTURE~ AND KITCHEN~ AND WATER) (Results 1598)
Search 7: 6 AND 2 (Results 5)

Title: PULL-OUT FAUCET

Abstract: A pull-out faucet has a hollow faucet body with open top and bottom ends and a cylindrical (laterally extending) side opening. A hollow, cane-shaped spout mounts to the top end and seats a spray head at one end. A separate valve block mounts in the housing through the side opening and connects to a mixing valve cartridge lying adjacent thereto on a lateral side. Water supply hoses snap into inlet passages of the valve. One end of a counterweighted spray hose assembly snaps into an outlet passage of the valve block and the other end connects to the spray head. The spray head can be extended from the spout and then retracted. A method of assembling the hoses and valve assembly into the hollow faucet body through the side opening is also disclosed.

Classifications:

International (IPC 8-9): E03C1/04 E03C1/042

F16K11/078 (Advanced/Invention);

E03C1/042 (Advanced/Non-invention)

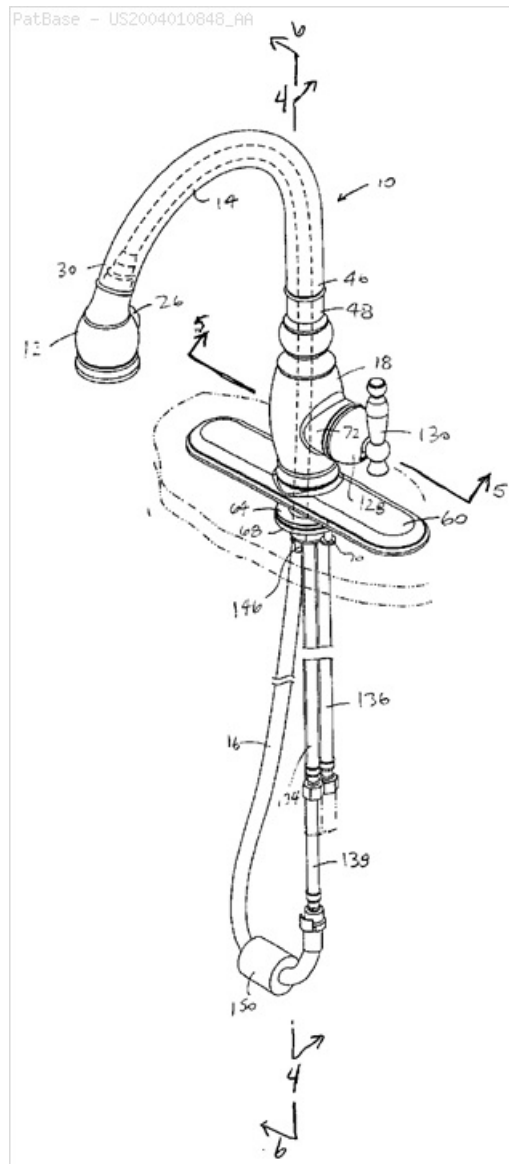
International (IPC 1-7): E03C1/04 E03C1/042 F16K11/078

CPC: Y10T137/86815 E03C1/04 E03C2001/0415

European: E03C1/04 E03C1/04C P03C1/04K

US: 137/625.4 239/588 4/675 4/675P 4/677 4/678

Locarno class: 46/77

**Family:**

Publication number	Publication date	Application number	Application date
AT513088 E	20110715	AT20030019578T	20030714
AU2003261149 AA	20040202	AU20030261149	20030714
AU2003261149 BB	20071122	AU20030261149	20030714
CA2492802 AA	20050117	CA20032492802	20030714
CA2492802 C	20100511	CA20032492802	20030714
CN100334305 C	20070829	CN20038018634	20030714
CN1675435 A	20050928	CN20038018634	20030714
DE60337451 D1	20110721	DE20036037451	20030714
EP1540090 A1	20050615	EP20030764545	20030714
EP1540090 A4	20060104	EP20030764545	20030714
EP1882785 A2	20080130	EP20070019578	20030714
EP1882785 A3	20080227	EP20070019578	20030714
EP1882785 B1	20110615	EP20070019578	20030714
KR100897859 B1	20090518	KR20057000864	20030714
KR20050036956 A	20050420	KR20057000864	20030714

MXPA05001384 A1	20050428	MX2005PA01384	20030714
NZ538137 A	20061027	NZ20030538137	20030714
US2004010848 AA	20040122	US20020196693	20020716
US6757921 BB	20040706	US20020196693	20020716
WO04007854 A1	20040122	WO2003US21788	20030714

Priority:

US20020196693 20020716 EP20030764545 20030714 EP20070019578 20030714
WO2003US21788 20030714 WO2003US21788 20050117

Probable Assignee: KOHLER CO

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Assignee(s): KOHLER CO KOHLER ; ESCHE JOHN C

Inventor(s): (std): ESCHE JOHN C ; JOHN C ESCHE

Inventor(s): ESCHE JOHN C KOHLER

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; EBNER VON ESCHENBACH JENNIFER ET AL; WIGHTMAN DAVID ALEXANDER

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

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
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AT513088 E	20111215	LSLE	-RER	CEASED AS TO PARAGRAPH 5 LIT. 3 LAW INTRODUCING PATENT TREATIES	
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AU2003261149 BB	20071122	LSGT	+	granted / extensions (spc, cpc, pte)	
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EP1540090 A1	20050921	LSRE	RIC1	INFORMATION	CLASSIFICATIONSCHEME : IPC

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Title: **FAUCET** WITH ONE-PIECE MANIFOLD

Abstract: The present invention relates to a **faucet** which includes a one-piece manifold body and a swivel spout pivotably mounted on the body. The body preferably has first and second leg portions for accepting fluid flow therethrough. The **faucet** may also preferably include an escutcheon coupled to the body, a cartridge coupled to the body, and a retainer ring interposed between the cartridge and the body. In one preferred embodiment, the **faucet** may include an auxiliary outlet mechanism which may include a diverter valve disposed in the body, as well as a hand spray coupled to the body and in fluid communication with the diverter valve.

Classifications:

International (IPC 8-9): E03C1/04 F16K27/06

F16K5/00 (Advanced/Invention);

F16K5/00 (Advanced/Non-invention);

E03C1/04 (Core/Invention)

International (IPC 1-7): E03C 1/04 E03C1/00 E03C1/04 F16K0/00

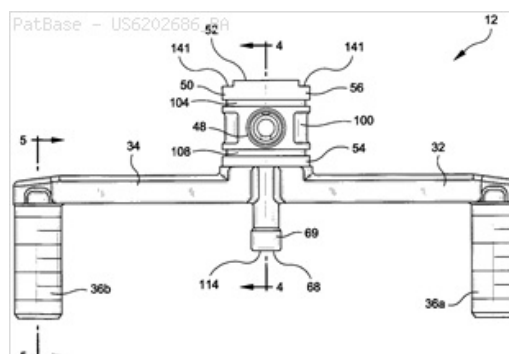
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Y10T137/9464 E03C1/04 E03C2201/30

European: E03C1/04 P03C201/30

US: 137/359 137/597 137/615 137/625.17 137/801 4/677



Family:

Publication number	Publication date	Application number	Application date
AU200028603 A1	20000818	AU20000028603	20000127
AU200028603 A5	20000818	AU20000028603D	20000127
BRPI0007836 A	20020115	BR2000PI07836	20000127
CA2360140 AA	20010727	CA20002360140	20000127
CN1167859 C	20040922	CN20008003259	20000127
CN1339078 A	20020306	CN20008003259	20000127
CR6150 A	20020215	CR20000006150	20000128
EP1147330 A2	20011024	EP20000907038	20000127
EP1147330 A4	20030409	EP20000907038	20000127
KR100448507 B1	20040913	KR20017009523	20010727
KR20010101768 A	20011114	KR20017009523	20000127
MXPA01007665 A1	20020820	MX2001PA07665	20000127
TH41923 A	20001218	TH20001000193	20000124
TW485223 B	20020501	TW20000101506	20000128
US6202686 BA	20010320	US19990240390	19990129
WO0045071 A2	20000803	WO2000US01935	20000127
WO0045071 A3	20001130	WO2000US01935	20000127

Priority:

US19990240390 19990129 WO2000US01935 20000127

Probable Assignee: IDEAL STANDARD GLOBAL LTD

Assignee(s): (std): AMERICAL STANDARD INT INC ; AMERICAL STANDARD INTERNAT INC ; AMERICAN STANDARD INC ; AMERICAN STANDARD INTERNATIONAL ; AMERICAN STANDARD INT INC ; AMERICA STANDARD INTENRATIONAL

Assignee(s): AMERICA STANDARD INTENRATIONAL INC ; AMERICAN STANDARD INTERNATIONAL INC ; AMERICAL STANDARD INTERNATIONAL INC ; IDEAL STANDARD GLOBAL LTD ; MUELLER JUERGEN ; PITSCH WALTER

Inventor(s): (std): JUERGEN MUELLER ; MUELLER J ; MUELLER JUERGEN ; PITSCH W ; PITSCH WALTER ; WALTER PITSCH

Inventor(s): J MUELLER ; W PITSCH

Agent(s): RIDOUT AND MAYBEE LLP

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

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
AU200028603 A1	20000818	LSPB	+	published / reissued	
AU200028603 A5	20011108	LSLE	-MK6	APPLICATION LAPSED SECTION 142(2)(F)/REG. 8.3(3) - PCT APPLIC. NOT ENTERING NATIONAL PHASE	
BRPI0007836 A	20020115	LSPB	+	published / reissued	

BRPI0007836 A	20071127	LSFE	-B08F	APPLICATION FEES: DISMISSAL - ARTICLE 86 OF INDUSTRIAL PROPERTY LAW	TEXT : REFERENTE A 5A, 6A, 7A E 8A ANUIDADES.
BRPI0007836 A	20111213	LSLE	-B08K	LAPSE AS NO EVIDENCE OF PAYMENT OF THE ANNUAL FEE HAS BEEN FURNISHED TO INPI (ACC. ART. 87)	TEXT : REFERENTE AO DESPACHO 8.6 PUBLICADO NA RPI 1925 DE 27/11/2007.
CA2360140 AA	20010727	LSPB	+	published / reissued	
CA2360140 AA	20010727	LSES	+EEER	EXAMINATION REQUEST	
CA2360140 AA	20060127	LSLE	-FZDE	DEAD	
CN1167859 C	20040922	LSGT	+	granted / extensions (spc, cpc, pte)	
CN1167859 C	20040922	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN1167859 C	20081231	LSAS	ASS	SUCCESSION OR ASSIGNMENT OF PATENT RIGHT	PARTYTYPE : OWNER OWNER : LIXIANG STANDARD INTERNATIONAL CO., LTD. ADDRESS OLDPARTY : FORMER OWNER: AMERICAN STANDARD INC. ADDRESS EFFECTIVE DATE : 20081121
CN1167859 C	20081231	LSAS	C41	TRANSFER OF PATENT APPLICATION OR PATENT RIGHT OR UTILITY MODEL	
CN1167859 C	20090331	LSAS	ASS	SUCCESSION OR ASSIGNMENT OF PATENT RIGHT	PARTYTYPE : OWNER OWNER : LIXIANG STANDARD INTERNATIONAL CO., LTD. OLDPARTY : FORMER OWNER: AMERICAN STANDARD INC. EFFECTIVE DATE : 20081121
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CN1167859 C	20200127	PEXP		Calculated Patent Term Expiry	
CN1339078 A	20020306	LSPB	+	published / reissued	
CN1339078 A	20020306	LSPB	+C06	PUBLICATION	
CR6150 A	20020215	LSPB	+	published / reissued	
EP1147330 A2	20011024	LSPB	+	published / reissued	
EP1147330 A2	20011024	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20010727
EP1147330 A4	20030409	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	EFFECTIVE DATE : 20030226
EP1147330 A4	20071212	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	EFFECTIVE DATE : 20071108
EP1147330 A4	20080917	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 20080319
EP1147330 A4	20090904	LSWD	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : HK REF LEGAL EVENT CODE : WD REF DOCUMENT NUMBER : 1040106 COUNTRY OF REF DOCUMENT : HK
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KR100448507 B1	20040331	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	
KR100448507 B1	20040619	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF PATENT RIGHT	
KR100448507 B1	20040902	LSGT	+GRNT	WRITTEN DECISION TO GRANT	
KR100448507 B1	20070828	LSFE	FPAY	ANNUAL FEE PAYMENT	PAYMENT DATE : 20070829 YEAR OF FEE PAYMENT : 4
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ANNUAL FEE					
KR100448507 B1	20210727	PEXP		Calculated Patent Term Expiry	
KR20010101768 A	20011114	LSPB	+	published / reissued	
MXPA01007665 A1	20020820	LSPB	+	published / reissued	
TH41923 A	20001218	LSPB	+	published / reissued	
TW485223 B	20020501	LSGT	+	granted / extensions (spc, cpc, pte)	
TW485223 B	20200128	PEXP		Calculated Patent Term Expiry	
US6202686 BA	20010320	LSGT	+	granted / extensions (spc, cpc, pte)	
US6202686 BA	19990329	LSAS	AS	ASSIGNMENT	PARTYTYPE : OWNER OWNER : AMERICAN STANDARD INC., NEW JERSEY OLDPARTY : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:PITSCH, WALTER; REEL/FRAME:009872/0400 EFFECTIVE DATE : 19990311
US6202686 BA	20040920	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6202686 BA	20090113	LSAS	AS	ASSIGNMENT	PARTYTYPE : OWNER OWNER : IDEAL STANDARD GLOBAL LTD., UNITED KINGDOM OLDPARTY : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:AMERICAN STANDARD INC.; REEL/FRAME:022092/0592 EFFECTIVE DATE : 20071031
US6202686 BA	20090320	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6202686 BA	20090420	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6202686 BA	20090420	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	TEXT : PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US6202686 BA	20090512	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20090320
US6202686 BA	20190129	PEXP		Calculated Patent Term Expiry	
WO0045071 A2	20000803	LSPB	+	published / reissued	
WO0045071 A2	20000127	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 00803259.9 COUNTRY OF REF DOCUMENT : CN
WO0045071 A3	20010727	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2360140 COUNTRY OF REF DOCUMENT : CA
WO0045071 A3	20010727	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2360140 COUNTRY OF REF DOCUMENT : CA KIND CODE OF REF DOCUMENT : A DESIGNATED STATE(S) :
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WO0045071 A3	20010727	LSNP	+WWE	WIPO INFORMATION:	REF DOCUMENT NUMBER :

				ENTRY INTO NATIONAL PHASE	PA/A/2001/007665 COUNTRY OF REF DOCUMENT : MX
WO0045071 A3	20011024	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2000907038 COUNTRY OF REF DOCUMENT : EP
WO0045071 A3	20011114	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1020017009523 COUNTRY OF REF DOCUMENT : KR
WO0045071 A3	20040619	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 1020017009523 COUNTRY OF REF DOCUMENT : KR

Title: Filtered fluid dispensing system

Abstract: The present invention provides a filtered fluid dispensing system. The invention may replace the sprayer provided with the faucet assembly of a conventional sink and may, in certain embodiments, be adapted to selectively dispense filtered and unfiltered fluid.

Classifications:

International (IPC 8-9): B01D35/04 E03B7/07 E03C1/04

F16K11/00 (Advanced/Invention);

E03C1/04 F16K11/00 (Advanced/Non-invention);

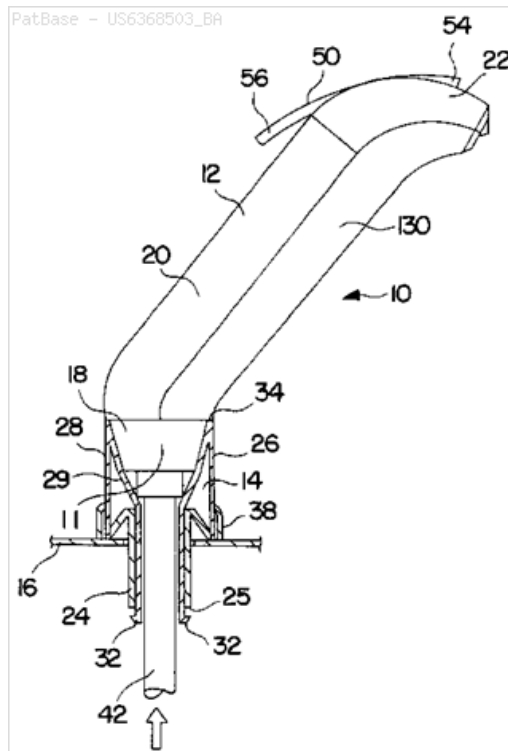
B01D35/00 E03B7/00 E03C1/04 F16K11/00 (Core/Invention)

International (IPC 1-7): B01D24/16 B01D27/08 B01D35/00 B01D35/04 E03B7/07 E03C1/04 F16K11/00

CPC: E03C1/04 E03C2201/40

European: E03C1/04 P03C201/40

US: 210/282 210/422 210/428 210/433.1 210/435 210/460 210/470 4/287 4/288 4/292 4/675 4/678



Family:

Publication number	Publication date	Application number	Application date
AR033338 AA	20031217	AR2000P103270	20000628
AU2000056192 A1	20010131	AU20000056192	20000616
AU2000056192 A5	20010131	AU20000056192D	20000616
AU2003244196 AA	20030925	AU20030244196	20030901
AU2003244196 BB	20060518	AU20030244196	20030901
AU770096 B2	20040212	AU20000056192	20000616
BRPI0011976 A	20020305	BR2000P111976	20000616
CL2000001649 A1	20010724	CL20000001649	20000622
CN1154774 C	20040623	CN20008009694	20000616
CN1359438 A	20020717	CN20008009694	20000616
EP1194655 A1	20020410	EP20000941488	20000616
KR20020028920 A	20020417	KR20017016750	20000616
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PE00992001 A1	20010203	PE20000000643	20000627
RU2002102245 A	20030910	RU20020102245	20000616
RU2258787 C2	20050820	RU20020102245	20000616
TH45520 A	20010531	TH20001002304	20000626
TW510811 B	20021121	TW20000112677	20000808
US6368503 BA	20020409	US19990430771	19991029
WO0100938 A1	20010104	WO2000US16637	20000616

Priority:

US19990141485P 19990629 US19990430771 19990629 US19990430771 19991029
 AU200000056192 20000616 WO2000US16637 20000616 AU20030244196 20030901

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): FISH J E ; FISH JEFFREY E ; JE FISH ; JEFFREY E FISH ; KEVIN P MCGRATH ; MAKRET KEVIN P ; MALCOLM D POIRIER ; MATHIEU DAVE ; BRUNNER MICHAEL S ; BS WILLIAMSON ; DAVE MATHIEU ; FISH DZHEFFRI I ; BRANNER MAJKL S ; BRUCE S WILLIAMSON ; MCGRATH KEVIN P ; MEHT JU DEJV ; METAZATOS PAUL ; METAZATOS POL ; MICHAEL S BRUNNER ; MS BRU NNER ; NNER M S BRU ; PAUL METAZATOS ; POIRIER MALCOLM D ; POIRIER MALCOLM D AND ; POIRIER MEHLKOLM D ; VIL JAMSON BRJUS S ; WILLIAMSON B S ; WILLIAMSON BRUCE S ; METAXATOS PAUL

Inventor(s): M S BRU NNER ; J E FISH ; B S WILLIAMSON ; VIL JAMSON BRJUS S ; MEHT JU DEJV ; PAUL METAXATOS ; WILLIAMSON B ; POIRIER M METAXATOS P MATHIEU D ; METAXATOS PAUL K ; BRUNNER M ; FISH J ; MCGRATH K

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; PORZIO

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

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AR033338 AA	20031217	LSPB	+	published / reissued	
AR033338 AA	20050221	LSWD	-FA	ABANDONMENT OR WITHDRAWAL	
AU200056192 A1	20010131	LSPB	+	published / reissued	
AU2003244196 AA	20030925	LSPB	+	published / reissued	
AU2003244196 BB	20060518	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2003244196 BB	20060914	LSLE	-MK25	APPLICATION LAPSED REG. 22.2I(2) - FAILURE TO PAY ACCEPTANCE FEE	
AU2003244196 BB	20230901	PEXP		Calculated Patent Term Expiry	
AU770096 B2	20040212	LSGT	+	granted / extensions (spc, cpc, pte)	
AU770096 B2	20040610	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU770096 B2	20200616	PEXP		Calculated Patent Term Expiry	
BRPI0011976 A	20020305	LSPB	+	published / reissued	
BRPI0011976 A	20071016	LSES	B07A	TECHNICAL EXAMINATION (OPINION): PUBLICATION OF TECHNICAL EXAMINATION (OPINION)	
BRPI0011976 A	20080513	LSRV	B09B	DECISION: REFUSAL	TEXT : INDEFIRO O PRESENTE PEDIDO COM BASE NO(S) ART.(S) 80 EM VISTA DO(S) ART.(S) 13 DA LEI DE PROPRIEDADE INDUSTRIAL NO 9.279 DE 14/05/1996.
CL2000001649 A1	20010724	LSPB	+	published / reissued	
CN1154774 C	20040623	LSGT	+	granted / extensions (spc, cpc, pte)	
CN1154774 C	20040623	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN1154774 C	20090819	LSLE	-C19	LAPSE OF PATENT RIGHT DUE TO NON-PAYMENT OF THE ANNUAL FEE	
CN1154774 C	20200616	PEXP		Calculated Patent Term Expiry	
CN1359438 A	20020717	LSPB	+	published / reissued	
CN1359438 A	20020717	LSPB	+C06	PUBLICATION	
EP1194655 A1	20020410	LSPB	+	published / reissued	
EP1194655 A1	20020410	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20011227

EP1194655 A1	20090617	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	EFFECTIVE DATE : 20081231
KR20020028920 A	20020417	LSPB	+	published / reissued	
MXPA02000384 A1	20020702	LSPB	+	published / reissued	
PE00992001 A1	20010203	LSPB	+	published / reissued	
PE00992001 A1	20030625	LSGT	+FG	GRANT, REGISTRATION	
PE00992001 A1	20060126	LSWD	-FD	APPLICATION DECLARED VOID OR LAPSED	
RU2002102245 A	20030910	LSPB	+	published / reissued	
RU2258787 C2	20050820	LSGT	+	granted / extensions (spc, cpc, pte)	
RU2258787 C2	20100920	LSLE	-MM4A	THE PATENT IS INVALID DUE TO NON-PAYMENT OF FEES	EFFECTIVE DATE : 20070617
RU2258787 C2	20200616	PEXP		Calculated Patent Term Expiry	
TH45520 A	20010531	LSPB	+	published / reissued	
TW510811 B	20021121	LSGT	+	granted / extensions (spc, cpc, pte)	
TW510811 B	20030425	LSGT	+GD4A	ISSUE OF PATENT CERTIFICATE FOR GRANTED INVENTION PATENT	
TW510811 B	20060901	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON- PAYMENT OF FEES	
TW510811 B	20200808	PEXP		Calculated Patent Term Expiry	
US6368503 BA	20020409	LSGT	+	granted / extensions (spc, cpc, pte)	
US6368503 BA	20000131	LSAS	AS	ASSIGNMENT	PARTYTYPE : OWNER OWNER : KIMBERLY-CLARK WORLDWIDE, INC., WISCONSIN OLDPARTY : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:WILLIAMSON, BRUCE S.; BRUNNER, MICHAEL S.; FISH, JEFFREY E.; AND OTHERS; REEL/FRAME:010517/0870; SIGNING DATES FROM 19991223 TO 20000110
US6368503 BA	20050927	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US6368503 BA	20100409	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6368503 BA	20100510	LSLE	-PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6368503 BA	20100510	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	TEXT : PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US6368503 BA	20100601	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	EFFECTIVE DATE : 20100409
US6368503 BA	20191029	PEXP		Calculated Patent Term Expiry	
WO0100938 A1	20010104	LSPB	+	published / reissued	
WO0100938 A1	20000616	LSNP	+WWE	WIPO INFORMATION:	REF DOCUMENT NUMBER : 00809694.5

				ENTRY INTO NATIONAL PHASE	COUNTRY OF REF DOCUMENT : CN
WO0100938 A1	20011211	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 56192/00 COUNTRY OF REF DOCUMENT : AU
WO0100938 A1	20011226	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : IN/PCT/2001/1814/CHE COUNTRY OF REF DOCUMENT : IN
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WO0100938 A1	20020410	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2000941488 COUNTRY OF REF DOCUMENT : EP
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WO0100938 A1	20020502	LSWD	REG	REFERENCE TO NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : 8642
WO0100938 A1	20040319	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN:	REF COUNTRY CODE : JP
WO0100938 A1	20040527	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 56192/00 COUNTRY OF REF DOCUMENT : AU
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Title: **Water** device

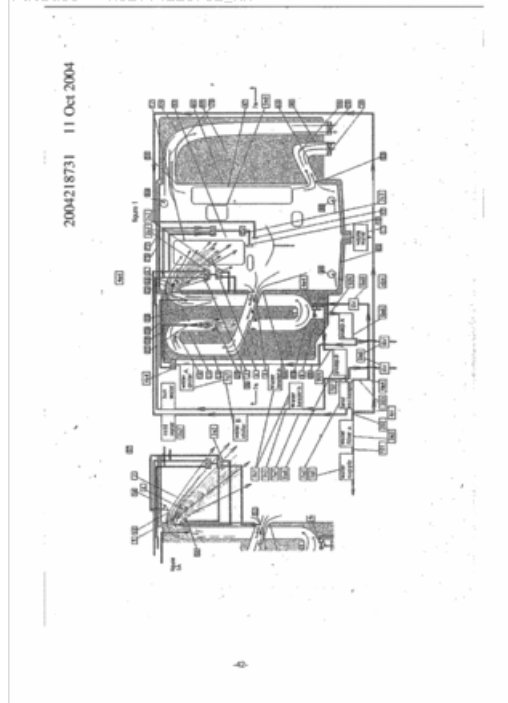
Abstract: (2) STANDARD PATENT APPLICATION () Application No. AU 20042873 AI (9) AUSTRALIAN PATENT OFFICE (54) Title **Water** device (5) International Patent Classification(s) **E03C**/00 (2006.0) (2) (3) (43) (43) (7) (72) (74) Application No: 20042873 (22) Date of Filing: 2004.0.5 Priority Data Number 2004905854 (32) Date 2004.0. (33) Country AU Publication Date: Publication Journal Date: 2006.04.27 2006.04.27 Applicant(s) Michael Collalto Inventor(s) Collalto, Michael Vittorio Agent Attorney Michael Vittorio Collalto, 39 Colombo Road, Belgrave, VIC, 360 c< Abstract: a plumbing system comprising a dual source of controlled thermal potential: At least one output using **water** as the working medium to provide hydration and a thermal potential through an orifice means adapted, so that at least one orifice means can be enabled to deliver a spray, or a solid stream, aerated stream, or the like, at a controlled flow rate and temperature, and at least one second output using air as the 00 working medium to provide humidity and a thermal potential at a controlled flow rate and temperature from a suitably modified eductor etc.

20042873 I Oct 2004 f 4" 4 figure A

Classifications:

International (IPC 8-9): E03C1/00 (Advanced/Invention);
E03C1/00 (Core/Invention)

PatBase - AU2004218731_AA



Family:

Publication number	Publication date	Application number	Application date
 AU2004218731 AA	20060427	AU20040218731	20041015

Priority:

AU20040905854 20041011 AU20040218731 20041015

Probable Assignee: MICHAEL COLLALTO

Assignee(s): (std): MICHAEL COLLALTO

Assignee(s): COLLALTO MICHAEL VITTORIO

Inventor(s): (std): COLLALTO MICHAEL VITTORIO

Inventor(s): MICHAEL VITTORIO COLLALTO

Agent(s): COLLALTO MICHAEL VITTORIO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2004218731 AA	20060427	LSPB	+	published / reissued	
AU2004218731 AA	20041118	LSRE	DA3	AMENDMENTS MADE SECTION 104	TEXT : THE NATURE OF THE AMENDMENT IS: ADD PRIORITY DETAILS 2004905854 11 OCT 2004 AU
AU2004218731 AA	20041202	LSRE	AMFD	AMENDMENT OF FILING DATE	EFFECTIVE DATE : 20041015
AU2004218731 AA	20081204	LSLE	-MK1	APPLICATION LAPSED SECTION 142(2)(A) - NO REQUEST FOR EXAMINATION IN RELEVANT PERIOD	

Title: FIXING **STRUCTURE** OF **FAUCET**

Abstract: A fixing **structure** of a **faucet** is fixed on a sink countertop with a hole and contains a **faucet** having a housing, a pull-out spray head, a mixing valve, and a **water** supply set. The **water** supply set includes a cold-**water** inlet pipe, a hot-**water** inlet pipe, and a mixing outlet pipe. A positioning device includes a base having a peripheral fence, a bottom fence, and a mouth. The bottom fence has a limiting face and at least one orifice, the limiting face has a channel, two stop posts, and an abutting face. Two screw rods extend out of the hole and are rotated above the base. Two clamping blocks are screwed with the two screw rods and are limited by the two stop posts to rotate when the two screw rods are rotated, and the two clamping blocks move upwardly to retain a bottom end of the sink countertop.

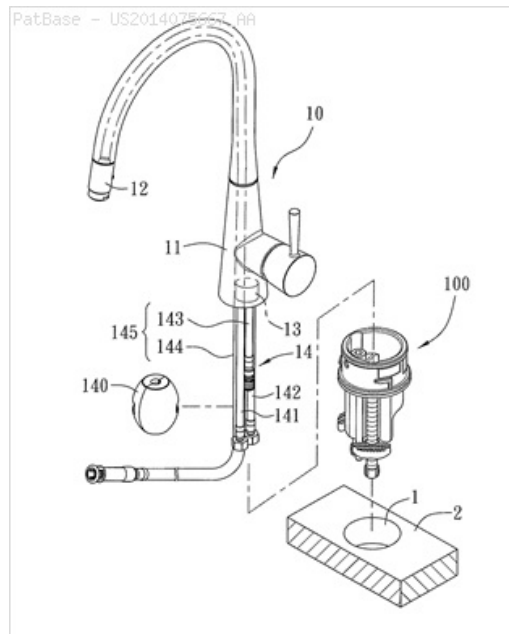
Classifications:

International (IPC 8-9): E03C1/00 E03C1/02
E03C1/04 (Advanced/Invention)

International (IPC 1-7): E03C1/04

CPC: E03C2001/0415 E03C2001/0416 E03C1/0404 E03C1/0402
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**Family:**

Publication number	Publication date	Application number	Application date
AT13849 U1	20141015	AT20130000279U	20130902
BE1020831 AF	20140506	BE20130000601	20130912
CH706980 A2	20140331	CH20130001365	20130808
CH706980 B1	20170929	CH20130001365	20130808
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DE202013103517 U1	20131017	DE201320103517U	20130805
ES1093106 UA	20131115	ES20130030953U	20130731
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PL68165 Y1	20160129	PL20130122335U	20130906
US2014075667 AA	20140320	US20130959992	20130806
US8763175 BB	20140701	US20130959992	20130806

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Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT13849 U1	20141015	LSGT	+	granted / extensions (spc, cpc, pte)	
AT13849 U1	20190515	LSLE	-MM01	LAPSE BECAUSE OF NOT PAYING ANNUAL FEES	EFFECTIVE DATE : 20180930
AT13849 U1	20230902	PEXP		Calculated Patent Term Expiry	
CH706980 A2	20140331	LSPB	+	published / reissued	
CH706980 A2	20170515	LSRV	-AZW	REJECTION (APPLICATION)	
CH706980 A2	20170630	LSRE	PK	CORRECTION	TEXT : RECTIFICATION INVENTEUR
CH706980 B1	20170929	LSGT	+	granted / extensions (spc, cpc, pte)	
CH706980 B1	20190329	LSLE	-PL	PATENT CEASED	
CH706980 B1	20330808	PEXP		Calculated Patent Term Expiry	
CN202913467 U	20130501	LSGT	+	granted / extensions (spc, cpc, pte)	
CN202913467 U	20130501	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN202913467 U	20220917	PEXP		Calculated Patent Term Expiry	
DE202013103517 U1	20131017	LSGT	+	granted / extensions (spc, cpc, pte)	
DE202013103517 U1	20131017	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 20131017
DE202013103517 U1	20160702	LSGT	+R150	TERM OF PROTECTION EXTENDED TO 6 YEARS	
DE202013103517 U1	20230805	PEXP		Calculated Patent Term Expiry	
ES1093106 UA	20131115	LSPB	+	published / reissued	
ES1093106 Y1	20140205	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1093106 Y1	20140205	LSGT	+FG1K	UTILITY MODEL GRANTED	EFFECTIVE DATE : 20140130
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FR2995619 A3	20140321	LSPB	+	published / reissued	
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FR2995619 A3	20170612	LSFE	+PLFP	FEE PAYMENT	YEAR OF FEE PAYMENT : 5
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GB2506482 B2	20330721	PEXP		Calculated Patent Term	

NL2011243 A1	20140318	LSPB	+	Expiry published / reissued	
NL2011243 A1	20171004	LSLE	-MM	LAPSED BECAUSE OF NON-PAYMENT OF THE ANNUAL FEE	EFFECTIVE DATE : 20160801
NL2011243 B1	20151019	LSGT	+	granted / extensions (spc, cpc, pte)	
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PL122335 U1	20140331	LSPB	+	published / reissued	
PL68165 Y1	20160129	LSGT	+	granted / extensions (spc, cpc, pte)	
US2014075667 AA	20140320	LSPB	+	published / reissued	
US2014075667 AA	20140611	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	TEXT : PATENTED CASE
US8763175 BB	20140701	LSGT	+	granted / extensions (spc, cpc, pte)	
US8763175 BB	20130806	LSAS	AS	ASSIGNMENT	PARTYTYPE : OWNER OWNER : GLOBE UNION INDUSTRIAL CORP., TAIWAN OLDPARTY : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:LI, CHUNHUNG; HSU, WEIMIEN; TAN, WANHONG; AND OTHERS; REEL/FRAME:030949/0230 EFFECTIVE DATE : 20130614
US8763175 BB	20140611	LSGT	PAT1	Patented Case	
US8763175 BB	20171203	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US8763175 BB	20330806	PEXP		Calculated Patent Term Expiry	