

Title (en)
FAUCET ASSEMBLY WITH INTEGRAL WATER SUPPLY SHUT-OFF VALVE

Title (de)
ARMATURANORDNUNG MIT INTEGRIERTEM ABSPERRVENTIL FÜR WASSERZUFUHR

Title (fr)
ROBINET A SOUPAPES DE COUPURE D'EAU INTEGREES

Publication
EP 1856337 A4 20080514 (EN)

Application
EP 06735932 A 20060223

Priority
• US 2006006470 W 20060223
• US 65618005 P 20050223

Abstract (en)
[origin: US2006185076A1] A faucet apparatus for mounting on sinks, washbasins and the like, is disclosed comprising automatic water supply shut-off valves that allow quick and easy installation or removal of a faucet head assembly on a faucet base mounted within a sink 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.

IPC 8 full level
E03C 1/04 (2006.01)

CPC (source: EP KR US)
E03C 1/04 (2013.01 - KR); **E03C 1/0401** (2013.01 - EP US); **E03C 1/0403** (2013.01 - EP US); **E03C 1/05** (2013.01 - KR); **F16K 43/005** (2013.01 - EP US); **E03C 2001/0416** (2013.01 - EP US)

Citation (search report)
• [X] DE 29516157 U1 19970220 - FISCHER AG [LI]
• [X] US 6006784 A 19991228 - TSUTSUI HIDETAKA [JP], et al
• [A] EP 0808952 A1 19971126 - REAL S R L [IT]
• See references of WO 2006091748A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2006185076 A1 20060824; AR 058001 A1 20080123; BR PI0608307 A2 20091208; CA 2598710 A1 20060831; CN 101160437 A 20080409; EP 1856337 A2 20071121; EP 1856337 A4 20080514; IL 185451 A0 20080106; JP 2008531882 A 20080814; KR 20080004465 A 20080109; MX 2007010323 A 20080221; RU 2007135285 A 20090327; TW 200630526 A 20060901; WO 2006091748 A2 20060831; WO 2006091748 A3 20071206

DOCDB simple family (application)
US 36015606 A 20060223; AR P060100669 A 20060223; BR PI0608307 A 20060223; CA 2598710 A 20060223; CN 200680005798 A 20060223; EP 06735932 A 20060223; IL 18545107 A 20070822; JP 2007557166 A 20060223; KR 20077021383 A 20070918; MX 2007010323 A 20060223; RU 2007135285 A 20060223; TW 95106189 A 20060223; US 2006006470 W 20060223