

Title (en)
Water tap system

Title (de)
Wasserauslaufventilanordnung

Title (fr)
Système de robinet

Publication
EP 0882848 B1 20030507 (DE)

Application
EP 98109727 A 19980528

Priority
DE 19723312 A 19970604

Abstract (en)
[origin: EP0882848A2] The hot and cold water mixer tap has a lever, which by means of side and vertical movements controls the mix and volume of delivered water for a set period of time. It also has an infrared sensing element which can detect the existence of an object, such as a hand, to turn the water on and off. A switch on the lever enables the detection system to be selectable. The tap has water inlets (11,12) to a mechanical mixing valve (10) from which the flow passes through a hose (13) to an electromagnetic valve (3) controlled by a system (4) to which an infrared sensor (5) is connected as well as a selection switch on the control lever through a lead (43).

IPC 1-7
E03C 1/04; **E03C 1/05**

IPC 8 full level
E03C 1/044 (2006.01); **E03C 1/04** (2006.01); **E03C 1/05** (2006.01); **F16K 31/05** (2006.01)

CPC (source: EP US)
E03C 1/04 (2013.01 - EP US); **E03C 1/057** (2013.01 - EP US)

Cited by
CN107429506A; EP3441533A1; EP1134895A3; CN103051318A; US10590636B2; WO2016142044A1; US8424568B2; US8469054B2; EP0894903B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)
EP 0882848 A2 19981209; **EP 0882848 A3 19990210**; **EP 0882848 B1 20030507**; AT E239834 T1 20030515; DE 19723312 A1 19981210; DE 59808221 D1 20030612; DK 0882848 T3 20030901; ES 1042037 U 19990816; ES 1042037 Y 20000101; ES 2199389 T3 20040216; JP H1113097 A 19990119; PT 882848 E 20030829; US 6003170 A 19991221

DOCDB simple family (application)
EP 98109727 A 19980528; AT 98109727 T 19980528; DE 19723312 A 19970604; DE 59808221 T 19980528; DK 98109727 T 19980528; ES 9801461 U 19980604; ES 98109727 T 19980528; JP 15415298 A 19980603; PT 98109727 T 19980528; US 8726798 A 19980529