

Title (en)
Water tap system

Title (de)
Wasserauslaufventilanordnung

Title (fr)
Système de robinet

Publication
EP 0882848 A3 19990210 (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)

Citation (search report)

- [AD] DE 3606385 A1 19861002 - MATSUSHITA ELECTRIC WORKS LTD [JP]
- [A] GB 2248469 A 19920408 - GILLIS BRIAN ROBERT
- [A] US 5287570 A 19940222 - PETERSON DONALD A [US], et al
- [A] US 4604764 A 19860812 - ENZO FAVA [IT]

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

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