

Title (en)
Automatic delivery tap.

Title (de)
Automatischer Auslaufhahn.

Title (fr)
Robinet de jauge automatique.

Publication
EP 0066034 A1 19821208 (EN)

Application
EP 81830123 A 19810717

Priority
• AU 8703682 A 19820810
• IT 4853081 A 19810525

Abstract (en)
Automatic delivery tap applicable to wash basins, bath tubs, kitchen sinks, showers, and the like, equipped with a sensor consisting of an infrared ray emitter (2), photodiode or phototransistor next to a corresponding receiver (3) such that, in rest conditions, the ray emitted and reflected by the inner surface of the wash basin or the like does not reach the receiver (3) because the distance is too great, thus keeping the water delivery off. However, insertion of the hands or other part of the body between said distributor and the basin leads to reflection of the emitted ray and its capture by the receiver (3), which because of the presence of an electron detection and control group (5) operates one or two electrovalves (7) for water delivery, which automatically occurs at the delivery outlet (10).

IPC 1-7
F16K 31/02; **E03C 1/05**

IPC 8 full level
E03C 1/05 (2006.01); **F16K 31/06** (2006.01)

CPC (source: EP)
E03C 1/057 (2013.01)

Citation (search report)
• CH 485076 A 19700131 - LINS ALBERT [CH]
• DE 2719963 A1 19781109 - STIEBEL ELTRON GMBH & CO KG
• AT 291128 B 19710712 - ROKAL GMBH [DE]
• DE 1064436 B 19590827 - BUTZKE WERKE AG

Cited by
EP0337367A3; EP0409998A4; AU595031B2; DE19710800A1; US5095945A; FR2690725A1; EP0501263A3; GB2195763A; GB2195763B; US6478285B1; WO8909312A1

Designated contracting state (EPC)
AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)
EP 0066034 A1 19821208; AU 8703682 A 19840216; CA 1198798 A 19851231; ES 512218 A0 19830416; ES 8305476 A1 19830416; GR 75404 B 19840713; IT 1221043 B 19900621; IT 8148530 A0 19810525; JP S57195979 A 19821201; ZA 815369 B 19820825

DOCDB simple family (application)
EP 81830123 A 19810717; AU 8703682 A 19820810; CA 395394 A 19820202; ES 512218 A 19820514; GR 820167197 A 19820203; IT 4853081 A 19810525; JP 18433881 A 19811116; ZA 815369 A 19810805