

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

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DOCDB simple family (publication)  
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**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