

Title (en)  
AUTOMATIC MIXING FAUCET

Publication  
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Application  
**EP 89909991 A 19890809**

Priority  
• US 24413588 A 19880914  
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Abstract (en)  
[origin: WO9002989A1] An automatic service water tap (1) is disclosed in which a battery operated motor (104) is provided for controlling a water supply valve (100) in response to the presence or absence of an object positioned within range of an infrared generating and detecting system (5) mounted in the tap (1). The valve (100) operates using only a small amount of electric power under the control of a circuit (9) which draws no electric power once the valve (100) is moved to its opened or closed condition. Thus, the consumption of the electric power is minimized to almost zero and the valve (100) can be utilized for a long period of time only with a small single battery (9).

IPC 1-7  
**G05D 23/185**; **F16K 31/02**; **B67D 5/37**; **E03C 1/05**

IPC 8 full level  
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CPC (source: EP)  
**E03C 1/057** (2013.01); **G05D 23/1393** (2013.01)

Citation (search report)  
• [A] EP 0184824 A2 19860618 - MATSUSHITA ELECTRIC IND CO LTD [JP]  
• [A] EP 0193702 A2 19860910 - IDEAL STANDARD [DE]  
• [A] CH 648390 A5 19850315 - ANTON J WILLI  
• See references of WO 9002989A1

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

DOCDB simple family (publication)  
**WO 9002989 A1 19900322**; EP 0386212 A1 19900912; EP 0386212 A4 19920311

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