

Title (en)

PASSIVE SENSORS AND CONTROL ALGORITHMS FOR FAUCETS AND BATHROOM FLUSHERS

Title (de)

PASSIVE SENSOREN UND STEUERALGORITHMEN FÜR HÄHNE UND BADEZIMMER-SPÜLEINRICHTUNGEN

Title (fr)

CAPTEURS PASSIFS ET ALGORITHMES DE COMMANDE POUR ROBINETS ET DISPOSITIFS DE NETTOYAGE SANITAIRES

Publication

EP 1706547 A1 20061004 (EN)

Application

EP 04813232 A 20041206

Priority

- US 2004040887 W 20041206
- US 0338730 W 20031204
- US 0341303 W 20031226

Abstract (en)

[origin: CN1902361A] A passive optical sensor includes a light detector sensitive to ambient (room) light for controlling, for example, the operation of automatic faucets or automatic bathroom flushers. The passive optical sensors provide signals to flow controllers, including control electronics and flow valves and require only very small amounts of electrical power for sensing users of bathroom facilities, and thus enable battery operation for many years. To control the operation of automatic faucets or automatic bathroom flushers based on ambient light, the controller executes novel algorithms.

IPC 8 full level

E03C 1/05 (2006.01); **E03D 5/10** (2006.01)

Citation (search report)

See references of WO 2005056938A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

CN 1902361 A 20070124; CN 1902361 B 20140319; EP 1706547 A1 20061004

DOCDB simple family (application)

CN 200480040275 A 20041206; EP 04813232 A 20041206