

Title (en)

Automatic faucet

Title (de)

Automatischer Wasserhahn

Title (fr)

Robinet automatique

Publication

EP 1209292 A1 20020529 (EN)

Application

EP 00125500 A 20001121

Priority

EP 00125500 A 20001121

Abstract (en)

An automatic faucet, wherein the reference value can be reset in accordance with the state of a sink, without requiring further adjustment. The automatic faucet comprises a faucet; a sink which receives water emitted from said faucet; a light generator (3) for radiating infrared rays toward the bottom of said sink; a light receiver (5) for receiving infrared rays, reflected from the bottom of said sink, and detecting an amount of light thereby received; a flush output portion (7) for comparing the detection output from said light receiver with a reference value, and creating a flush output when the detection output exceeds a predetermined value; and a faucet controller (1) for opening and closing said faucet in accordance with the output of said flush output portion; and further comprises command means for generating a command signal to correct a reference value; a detection means (1) for detecting a maximum amount of light, received by said light receiver, when a signal has been supplied by said command means; and a reference value correction means for correcting a reference value in said flush output portion, based on said maximum amount of light. <IMAGE>

IPC 1-7

E03C 1/05

IPC 8 full level

E03C 1/05 (2006.01)

CPC (source: EP)

E03C 1/05 (2013.01)

Citation (search report)

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Cited by

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Designated contracting state (EPC)

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