

Title (en)
Improvement regarding the flushing reliability of a urinal

Title (de)
Verbesserung bezüglich der Spülzuverlässigkeit eines Urinals

Title (fr)
Amélioration concernant la fiabilité de chasse d'un urinoir

Publication
EP 1050633 A3 20010926 (EN)

Application
EP 00660082 A 20000504

Priority
FI 991056 A 19990507

Abstract (en)
[origin: EP1050633A2] This invention relates to a method for maintaining the reliable operation of a sensor detecting a need for flushing a urinal (10). According to the invention, urine stone and/or other such dirt adhered over the area of the flushing-need detecting sensor within the liquid basin of the urinal (10) is removed by means of a vibrator operating over this particular area. In a preferred case, the sensor comprises for example a piezoelectric crystal. In one embodiment of the invention, the sensor is adapted to vibrate by means of a piezoelectric crystal. In a second preferred embodiment, said piezoelectric crystal is set in the immediate vicinity of the sensor, thereby removing the dirt. <IMAGE>

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CPC (source: EP)
E03D 5/105 (2013.01); **E03D 13/00** (2013.01)

Citation (search report)
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• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 244 (M - 1410) 17 May 1993 (1993-05-17)

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EP 1050633 A2 20001108; **EP 1050633 A3 20010926**; **EP 1050633 B1 20030416**; AT E237719 T1 20030515; DE 60002116 D1 20030522; DE 60002116 T2 20040205; ES 2195849 T3 20031216; FI 106571 B 20010228; FI 991056 A0 19990507; FI 991056 A 20001108

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