

Title (en)
Method and device for flushing a urinal

Title (de)
Verfahren und Vorrichtung zum Spülen eines Urinals

Title (fr)
Procédé et dispositif pour rincer un urinoir

Publication
EP 0798425 B1 20020724 (EN)

Application
EP 97660035 A 19970324

Priority
FI 961391 A 19960327

Abstract (en)
[origin: EP0798425A2] The invention relates to a method and a device for flushing a urinal (1). In accordance with the invention, a vibration in the urinal or the liquid (4) contained in it generated by the use of the urinal is detected by a vibration transducer, such as a piezoelectric transducer (9), after which flushing is started by an electric signal emitted by the transducer. The transducer (9) may be located on the outer surface of the wall (10) of a trough-shaped urinal vessel (2), or the transducer (9", 9'') may be located on the outer surface of the urinal wall at the urinal bottom or in the water seal (5), or the transducer (9", 9'') may be located in the liquid (4) provided at the urinal bottom or in the water seal (5). <IMAGE>

IPC 1-7
E03D 13/00

IPC 8 full level
E03D 5/10 (2006.01); **E03D 13/00** (2006.01)

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

Cited by
AT412563B; CN103732838A; EP1683457A1; US2013247291A1; US9644357B2; US2022228354A1; US9587389B2; DE102020120497A1; WO2004090245A1; US9896831B2; US10190301B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR IT LI NL SE

DOCDB simple family (publication)
EP 0798425 A2 19971001; **EP 0798425 A3 19980826**; **EP 0798425 B1 20020724**; AT E221156 T1 20020815; DE 69714110 D1 20020829; DE 69714110 T2 20021114; DK 0798425 T3 20021111; ES 2180912 T3 20030216; FI 961391 A0 19960327; FI 99265 B 19971031; FI 99265 C 19980210

DOCDB simple family (application)
EP 97660035 A 19970324; AT 97660035 T 19970324; DE 69714110 T 19970324; DK 97660035 T 19970324; ES 97660035 T 19970324; FI 961391 A 19960327