

Title (en)

Device to reduce limescale in a water pipe of a sanitary installation

Title (de)

Einrichtung zur Verringerung von Kalkablagerungen aus Wasser, welches einen Kanal in einer Sanitäreinrichtung durchströmt

Title (fr)

Dispositif de réduction de dépôts calcaires dans un conduit sanitaire

Publication

**EP 0913531 A3 20000126 (DE)**

Application

**EP 98117493 A 19980915**

Priority

DE 19747928 A 19971030

Abstract (en)

[origin: EP0913531A2] The device is used in a pipe (5) containing flowing water, and has a permanent magnet (6) integrated in a hose-like part (7) of elastomeric material placed in the pipe. The magnet is positioned to form an air-filled chamber (9) with the wall of the pipe, to acts as damper for flow-generated noise. The magnet may be a powder embedded into the hose-like part material. The part has outer ring projections (8) to engage sealing on the pipe wall.

IPC 1-7

**E03C 1/02**

IPC 8 full level

**E03C 1/02** (2006.01); **E03C 1/04** (2006.01)

CPC (source: EP)

**E03C 1/0404** (2013.01); **E03C 2201/40** (2013.01)

Citation (search report)

- [A] US 5094742 A 19920310 - SHALHOOB WILLIAM N [US]
- [A] US 4884596 A 19891205 - BYERS HUGO [US], et al
- [A] DE 29605727 U1 19960605 - ARMAND GUNTER [DE]
- [A] DE 3708169 A1 19880922 - LICENTIA GMBH [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0913531 A2 19990506**; **EP 0913531 A3 20000126**; **EP 0913531 B1 20050105**; AT E286562 T1 20050115; DE 19747928 C1 19990729; DE 59812467 D1 20050210

DOCDB simple family (application)

**EP 98117493 A 19980915**; AT 98117493 T 19980915; DE 19747928 A 19971030; DE 59812467 T 19980915