

Title (en)

PLUG WITH ANCHORED RETAINING PACKINGS FOR A CARTRIDGE FOR A WATER FAUCET

Title (de)

SCHEIBE MIT VERANKERTEN DICHTUNGEN FÜR EINE WASSERHAHNKARTUSCHE

Title (fr)

BOUCHON MALE A GARNITURES DE RETENUE ASSUJETTIES POUR CARTOUCHE DE ROBINET DE PUISAGE D'EAU

Publication

**EP 0861392 A4 19990804 (EN)**

Application

**EP 97943440 A 19970924**

Priority

- IT TO960802 A 19961001
- US 9716832 W 19970924

Abstract (en)

[origin: WO9814728A1] A plug (32) with retaining packing (7, 8, 37, 38) for a water faucet cartridge where the packing (7, 8, 37, 38) is made in one piece on both sides of the plug (32). Both the portion of the packing (7, 37) that is on one side of the plug and the portion of the packing (8, 38) that is on the other side of the plug have a part of their surface in contact with and resting on the plug (32) with respect to the axial direction of the plug (32) and being connected to each other by at least one connecting portion (9) that extends substantially in an axial direction in a peripherally continuous manner or by sections through appropriate openings in the plug (32). The packing (7, 8, 37, 38) is formed and shaped on the plug by injecting an elastomer in the liquid state and cross-linking the elastomer.

IPC 1-7

**F16K 11/06**

IPC 8 full level

**F16K 11/06** (2006.01); **F16K 3/02** (2006.01); **F16K 11/078** (2006.01)

CPC (source: EP KR)

**F16K 11/06** (2013.01 - KR); **F16K 11/0787** (2013.01 - EP)

Citation (search report)

- [X] EP 0319718 A2 19890614 - GROHE ARMATUREN FRIEDRICH [DE]
- [X] DE 3927205 A1 19910221 - HANSA METALLWERKE AG [DE]
- [X] FR 2543253 A1 19840928 - ORAS OY [FI]
- See also references of WO 9814728A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9814728 A1 19980409**; AR 008868 A1 20000223; AU 4491397 A 19980424; AU 737285 B2 20010816; BR 9706797 A 19990720; CA 2238769 A1 19980409; CA 2238769 C 20010306; CN 1098430 C 20030108; CN 1205066 A 19990113; EP 0861392 A1 19980902; EP 0861392 A4 19990804; HU P9904652 A2 20000528; ID 19735 A 19980730; IL 124692 A0 19981206; IL 124692 A 20010430; IT 1288719 B1 19980924; IT TO960802 A1 19980401; JP 2000501491 A 20000208; KR 19990071779 A 19990927; MX 9804291 A 19980930; PL 184470 B1 20021129; PL 327110 A1 19981123; RU 2155286 C2 20000827; TR 199800959 T1 19990222; UA 42094 C2 20011015

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**US 9716832 W 19970924**; AR P970104521 A 19971001; AU 4491397 A 19970924; BR 9706797 A 19970924; CA 2238769 A 19970924; CN 97191353 A 19970924; EP 97943440 A 19970924; HU P9904652 A 19970924; ID 973336 A 19971001; IL 12469297 A 19970924; IT TO960802 A 19961001; JP 51660998 A 19970924; KR 19980704057 A 19980529; MX 9804291 A 19980529; PL 32711097 A 19970924; RU 98112586 A 19970924; TR 9800959 T 19970924; UA 98063390 A 19970924