

Title (en)
Outlet valve

Title (de)
Ablaufventil

Title (fr)
Valve d'écoulement

Publication
EP 0967336 A3 20000510 (DE)

Application
EP 99111568 A 19990615

Priority
DE 19828738 A 19980627

Abstract (en)
[origin: EP0967336A2] A drain with plug for domestic applications, e.g. wash basin, bath, has the plug (4) operated by a simple twist action. The drain is fitted with a sleeve with a bell shaped upper end (1) and with an external thread at the lower end. A sealing sleeve (3) threaded onto the outer thread and with an upper flange (34) to clamp a sealing washer (6) to the underside of the fitting. The sleeve has a double skinned female profile on the inside, with the inner wall having ratchet profiles. These interact with radial vanes (201) on an extension (21) under the plug, to provide axial movement when the plug is twisted. No external mechanism is required. The sleeves can be plastic- or fiber reinforced moldings.

IPC 1-7
E03C 1/23; **A47K 1/14**

IPC 8 full level
A47K 1/14 (2006.01); **E03C 1/23** (2006.01)

CPC (source: EP)
A47K 1/14 (2013.01); **E03C 1/23** (2013.01); **E03C 1/2306** (2013.01)

Citation (search report)
• [DA] DE 8807607 U1 19880721
• [A] US 4007500 A 19770215 - THOMPSON ARTHUR D, et al

Cited by
FR2990966A1; EP1826323A3; CN108240020A; EP1118723A1; EP1387013A3; WO2022243031A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0967336 A2 19991229; **EP 0967336 A3 20000510**; DE 19828738 A1 19991230; ES 1043591 U 20000101; ES 1043591 Y 20000601

DOCDB simple family (application)
EP 99111568 A 19990615; DE 19828738 A 19980627; ES 9901686 U 19990625