

Title (en)
INTEGRATABLE SANITARY PART

Title (de)
SANITÄRES EINBAUTEIL

Title (fr)
ELEMENT SANITAIRE A INCORPORER

Publication
EP 1444406 A1 20040811 (DE)

Application
EP 02803031 A 20021115

Priority
• DE 20118810 U 20011117
• EP 0212827 W 20021115

Abstract (en)
[origin: WO03042461A1] The invention relates to an integratable sanitary part (1, 10) comprising an outer housing (3) which can be inserted into a fluid line and has at least one peripheral seal (20, 21) on its outer circumference, which seals the outer housing (3) and the fluid line from each other. According to the invention, in order to avoid using additional elastic O-rings, the at least one seal (20, 21) for providing linear or plane sealing is produced from the same material as the outer housing and forms a single element with the outer circumference of the housing. According to another embodiment of the invention, involving an integratable part which is embodied as a backflow preventer, at least one peripheral sealing lip (8) forms one element with the inner surface of the outer housing (3) or the closing part (4), mounted on the same, and consists of the same material as said surface or closing part. The free end of said sealing lip (8) protrudes in such a way that, when the backflow preventer (10) is closed, the lip end acts on the closing part (4) or the inner surface of the outer housing (3) in a sealing manner.

IPC 1-7
E03C 1/10

IPC 8 full level
E03C 1/10 (2006.01); **F16K 15/06** (2006.01); **F16K 25/00** (2006.01)

CPC (source: EP US)
E03C 1/104 (2013.01 - EP US); **F16K 15/063** (2013.01 - EP US); **F16K 25/00** (2013.01 - EP US); **Y10T 137/7929** (2015.04 - EP)

Citation (search report)
See references of WO 03042461A1

Citation (examination)
GB 2156493 A 19851009 - SELFIX INC

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

DOCDB simple family (publication)
DE 20118810 U1 20030403; EP 1444406 A1 20040811; US 2004261861 A1 20041230; US 2006102235 A1 20060518; WO 03042461 A1 20030522

DOCDB simple family (application)
DE 20118810 U 20011117; EP 0212827 W 20021115; EP 02803031 A 20021115; US 31911505 A 20051227; US 49542004 A 20040513