

Title (en)

METHOD AND SEALING VALVE UNIT FOR CONTROLLING FLUID FLOW THROUGH A PASSAGE

Title (de)

VERFAHREN UND ABSPERRVENTIL ZUR STEUERUNG EINEN DURCH EINEN KANAL FLIESSENDEN STROM

Title (fr)

PROCEDE ET SOUPAPE D'ETANCHEITE POUR REGULER UN ECOULEMENT DE FLUIDE A TRAVERS UN PASSAGE

Publication

EP 0941436 A4 20040407 (EN)

Application

EP 97950754 A 19971202

Priority

- US 9721924 W 19971202
- US 76250296 A 19961209
- US 3677797 P 19970128
- US 90928297 A 19970811

Abstract (en)

[origin: WO9826204A1] A sealing valve unit (27) for controlling the flow of fluid through a passage (33) defined by the interior surface of a tubular casing (25) comprises a valve body (205) having a longitudinal bore therethrough. The valve body (205), a sealing assembly (211) and a filter element (71) are so constructed that they are held in assembly with one another independent of the tubular casing (25) so that they can be simultaneously installed in and removed from the passage (33) as a single unit.

IPC 1-7

F16K 43/00; **F16K 15/20**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] US 2109230 A 19380222 - HAMMOND THEODORE A
- [XA] US 3835884 A 19740917 - ISHIKAWA M, et al
- [AD] US 5479975 A 19960102 - FOGAL SR ROBERT [US], et al
- [A] US 3712328 A 19730123 - MCANALLY M
- [A] GB 1482212 A 19770810 - SCOVILL MANUFACTURING CO
- [A] US 5522910 A 19960604 - FOGAL SR ROBERT D [US]
- [AD] US 4276898 A 19810707 - ROSS PETER
- See references of WO 9826204A1

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DOCDB simple family (publication)

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