

Title (en)

Closure means for a manhole, in particular for a road drainage channel

Title (de)

Verschluss für einen Ablaufschacht, insbesondere einer Strassenkanalisation

Title (fr)

Obturateur pour regard d'évacuation, en particulier pour égout

Publication

EP 1632618 A1 20060308 (DE)

Application

EP 05450149 A 20050902

Priority

AT 14822004 A 20040903

Abstract (en)

The unit has an intercepting tank (2) inserted into an outlet shaft (1) in a liquid-tight manner and provided with a fluid down pipe. A floater (7) is guided in a floater housing (3) and forms a closing body for closing the pipe. The housing has a drainage opening in a lower section for the closed pipe, where the tank is attached to the pipe by a spill (5). The opening has a choke valve whose body is adjusted by an elevating screw.

IPC 8 full level

E03F 5/04 (2006.01); **E03F 5/02** (2006.01); **E03F 5/10** (2006.01); **E03F 5/14** (2006.01)

CPC (source: EP)

E03F 5/02 (2013.01); **E03F 5/0404** (2013.01); **E03F 5/0405** (2013.01); **E03F 5/0406** (2013.01); **E03F 5/102** (2013.01); **E03F 5/107** (2013.01); **E03F 2005/0413** (2013.01); **E03F 2005/0416** (2013.01); **E03F 2005/0417** (2013.01)

Citation (search report)

- [A] EP 0952263 A2 19991027 - STRUFE UDO [DE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 083 (M - 130) 21 May 1982 (1982-05-21)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12 3 January 2001 (2001-01-03)

Cited by

CN102704553A; CN113338419A; EP4102001A1; EP3312354A1

Designated contracting state (EPC)

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