

Title (en)

Cleaning device for pipes and sewer systems

Title (de)

Reinigungskörper für Rohrleitungen und Kanalisationssysteme

Title (fr)

Dispositif de nettoyage pour tuyaux et systèmes de canalisation

Publication

EP 0936319 A3 19991229 (DE)

Application

EP 99102320 A 19990207

Priority

DE 19805374 A 19980211

Abstract (en)

[origin: EP0936319A2] The cleaning body for pipelines, sewage pipes and the like, has a polygonal cast body (1) with a connection for water under pressure. A water distributor is at the water inlet (16) in a dome shape or on a dividing plane (3), with entry openings as partial circular segments forming a blade-shaped intermediate wall across the flow direction. Water pressure channels (8), leading out from the entry openings, are free of edges and offer a low resistance to the water, in a virtually circular cross section and the largest possible deflection radius. The water channels (8) have a fixed number of outlets (11), give a single or multiple water branch system, and narrow towards the ends (13) of the water channels directly at the outlets.

IPC 1-7

E03F 9/00

IPC 8 full level

B08B 9/04 (2006.01); **B08B 9/053** (2006.01); **E03F 9/00** (2006.01)

CPC (source: EP)

B08B 9/0495 (2013.01); **E03F 9/00** (2013.01)

Citation (search report)

- [AD] DE 19533654 A1 19970320 - HOERGER KURT [DE], et al
- [A] BE 631016 A
- [A] DE 19652361 A1 19970626 - WELZEL JOACHIM [DE]

Cited by

CN103037990A; WO2012013441A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0936319 A2 19990818; EP 0936319 A3 19991229; EP 0936319 B1 20020828; AT E222980 T1 20020915; DE 19805374 A1 19990819; DE 19805374 C2 20000323; DE 59902426 D1 20021002

DOCDB simple family (application)

EP 99102320 A 19990207; AT 99102320 T 19990207; DE 19805374 A 19980211; DE 59902426 T 19990207