

Title (en)
PIPE CLEANING APPARATUS FOR SEWERS

Publication
EP 0077562 B1 19860402 (DE)

Application
EP 82109636 A 19821019

Priority
DE 3141581 A 19811020

Abstract (en)
[origin: EP0077562A2] 1. A pipe cleaning device, which is operated by a pressure medium, moves itself automatically through reaction in a pipe to be cleaned and has a rotor which is driven by reaction nozzles and to which pressure medium is supplied via a hollow shaft, wherein it is mounted in floating manner between two radial bearing surfaces, wherein the rotor (4, 29) is mounted on a shaft (10, 39) of the stator (1, 20, 30) and radial bearings (11, 21) of approximately equal size are allocated to the two opposing end faces of the rotor (4, 29), characterised in that reaction nozzles (13, 46) directed obliquely backwards as well as cleaning nozzles which are designed as radial nozzles (14, 24, 92) directed perpendicularly to the pipe wall are arranged in the rotor (4, 29, 95).

IPC 1-7
E03F 9/00; **B05B 3/02**; **B08B 9/04**; **B08B 3/02**

IPC 8 full level
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CPC (source: EP)
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Cited by
PL428506A1; US5588171A; NL2022665B1; US4715538A; FR2779977A1; EP0314629A3; CN104790891A; CN114192514A; CN104806182A; CN107377541A; US5713093A; AU2010101477B4; DE4316070C2; EP0542212A1; GB2360340A; FR2804886A1; FR2681264A1; AT409461B; EP3988221A1; US11344930B2; DE202015001636U1; WO8912513A1; WO2010145737A3; WO2010012018A1; WO03055613A1; WO9102602A1

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