

Title (en)
Nozzle type working tool for cleaning pipes

Title (de)
Düsenartiges Arbeitswerkzeug zum Reinigen von Rohren

Title (fr)
Outil de travail à buse pour nettoyer des tuyaux

Publication
EP 1163959 A3 20030702 (DE)

Application
EP 01113366 A 20010601

Priority
DE 10029920 A 20000617

Abstract (en)
[origin: EP1163959A2] A high-pressure water-jet cleaner for cleaning pipes with a tapering axial spigot carrying a rotor with nozzles supplied from a central bore, in which the spigot has a threaded end with an adjusting nut and a locknut, by means of which a predetermined gap is set between the rotor and the adjusting nut, the two nuts being bonded together with adhesive. A jet cleaner for cleaning pipes, with a base connected to a high-pressure water source, a central bore and a tapering axial spigot carrying a rotor with outlet nozzles supplied by radial channels from the central bore. In this system, the spigot has a threaded end section with an adjusting nut and a locknut; a predetermined gap is established between the rotor and the adjusting nut and the two nuts are adhesively bonded together.

IPC 1-7
B08B 9/049; **B05B 3/06**; **B08B 9/04**

IPC 8 full level
B05B 3/06 (2006.01); **B08B 9/04** (2006.01); **B08B 9/053** (2006.01); **B05B 3/00** (2006.01)

CPC (source: EP)
B05B 3/003 (2013.01); **B05B 3/06** (2013.01); **B08B 9/0433** (2013.01); **B08B 9/049** (2013.01); **B08B 9/0495** (2013.01)

Citation (search report)
• [A] US 4216910 A 19800812 - KIMBROUGH WADE L [US]
• [DA] DE 3412319 C1 19850627 - WOMA APPBAU WOLFGANG MAASBERG

Cited by
CN102698902A; AU2013203796B2; CN113865330A; CN105312170A; US9382937B2; WO2012028590A3; WO2017174622A1; WO2007088061A1; US10598449B2; US11077453B2

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