

Title (en)

A nozzle for cleaning and rinsing drain conduits or the like.

Title (de)

Düse zum Reinigen und Spülen von Abflussleitungen oder dergleichen.

Title (fr)

Injecteur pour le nettoyage et le rinçage des conduits de décharge ou analogues.

Publication

EP 0219749 A1 19870429 (EN)

Application

EP 86113740 A 19861003

Priority

DK 463985 A 19851010

Abstract (en)

In a nozzle (10) for cleaning or "unstopping" drains, with a nozzle body (11) attached to a high-pressure hose (13) and having various jet orifices (14, 16), a guide member consisting of a "bud" (20) and a flexible spring (18) is attached to the front end of the nozzle body (11). The guide member (20, 19) enables the nozzle to pass obstructions, such as sharp bends or opposing pipe end surfaces, more easily.

IPC 1-7

B08B 9/02; **E03F 9/00**

IPC 8 full level

B08B 9/02 (2006.01); **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)

- [Y] GB 2047377 A 19801126 - YEO C E
- [Y] US 1751415 A 19300318 - MCCAFFREY THOMAS J
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- [A] US 3118159 A 19640121 - KOLLMANN KARL J

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EP2278082A1; WO2013150275A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0219749 A1 19870429; **EP 0219749 B1 19890628**; AT E44246 T1 19890715; DE 3664110 D1 19890803; DK 169291 B1 19941003; DK 463985 A 19870411; DK 463985 D0 19851010

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