

Title (en)

A liquid-ejection device for a high-pressure cleaning apparatus

Title (de)

Austragsvorrichtung für ein Hochdruckreinigungsgerät

Title (fr)

Dispositif de décharge pour un appareil de nettoyage haute pression

Publication

**EP 1254719 A1 20021106 (EN)**

Application

**EP 01201628 A 20010503**

Priority

EP 01201628 A 20010503

Abstract (en)

A liquid ejection device for a pressure-cleaning apparatus, comprising a housing (2) with means (4) for receiving a liquid supply tube (5), a tubular body (7) having a multiple of axially orientated flow channels (16,17), a first end inserted in concentric connecting means in the housing for connecting the tubular body (7), and a second end with an ejection nozzle (8), and means (6) for regulation of the pressure of the liquid spray ejected through the tubular body (7), wherein said regulation means (6) includes a valve member (10) having a threaded portion (10') by which it is rotatably mounted, and a flow passage (14) for feeding one or more of the flow channels of the tubular body with pressurised liquid. By the invention, a liquid ejection device is provided with a pressure regulation that may be adjusted to any pressure between a minimum and a maximum pressure due to the threaded mounting of the valve member. <IMAGE>

IPC 1-7

**B05B 1/16**

IPC 8 full level

**B05B 1/16** (2006.01); **B05B 1/30** (2006.01)

CPC (source: EP)

**B05B 1/1609** (2013.01)

Citation (search report)

- [X] DE 277067 C
- [A] EP 0927562 A2 19990707 - VIGH ANDREAS [DE]
- [A] US 4095747 A 19780620 - ANDERSON ARTHUR A
- [A] EP 0501164 A1 19920902 - FAIP OFF MECC [IT]
- [A] DE 4327155 C1 19941006 - KAERCHER GMBH & CO ALFRED [DE]

Cited by

CN100431712C; US7360721B2; WO2004052548A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1254719 A1 20021106**; EP 1383609 A1 20040128; WO 02089994 A1 20021114

DOCDB simple family (application)

**EP 01201628 A 20010503**; DK 0200290 W 20020503; EP 02740396 A 20020503