

Title (en)  
FLUID APPLICATOR APPARATUS.

Title (de)  
FLÜSSIGKEITSAPPLIKATOR.

Title (fr)  
APPLICATEUR DE FLUIDES.

Publication  
**EP 0486500 A4 19920318 (EN)**

Application  
**EP 90909293 A 19900605**

Priority  
• US 9003202 W 19900605  
• US 36943489 A 19890619

Abstract (en)  
[origin: WO9015567A1] A fluid applicator apparatus which may be used for insect control having a container (50), an applicator cap (20), a mechanism (82) for allowing a pre-determined volume of fluid to be pumped from the container (50) into a pad (40) on the applicator cap (20) and a protective overcap (54). A problem exists to control the fluid flow rate to the pad (40) in a vertical position or the opposite inverted position of use of the apparatus. The solution to the problem is providing the pumping mechanism (82) with an attached ball-check valve (94) arrangement which allows fluid transfer from either an upright or an essentially inverted position.

IPC 1-7  
**A47L 13/17**

IPC 8 full level  
**B05C 17/01** (2006.01); **A47L 13/17** (2006.01); **B05B 11/00** (2006.01); **B05C 17/00** (2006.01); **B65D 47/42** (2006.01)

CPC (source: EP KR)  
**A47L 13/17** (2013.01 - EP KR); **B05B 11/0005** (2013.01 - EP); **B05B 11/0027** (2013.01 - EP); **B05B 11/0059** (2013.01 - EP); **B05B 11/1001** (2023.01 - EP); **B05C 17/002** (2013.01 - EP)

Citation (search report)  
See references of WO 9015567A1

Cited by  
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**WO 9015567 A1 19901227**; AR 247064 A1 19941130; AT E130739 T1 19951215; AU 5824190 A 19910108; AU 630981 B2 19921112; CA 2056408 A1 19901220; CN 1024908 C 19940608; CN 1049804 A 19910313; DE 69023911 D1 19960111; EP 0486500 A1 19920527; EP 0486500 A4 19920318; EP 0486500 B1 19951129; ES 2079475 T3 19960116; JP 2842942 B2 19990106; JP H04506174 A 19921029; KR 920702610 A 19921006; KR 950000366 B1 19950116; NZ 233995 A 19920625; PH 26856 A 19921116

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**US 9003202 W 19900605**; AR 31715490 A 19900619; AT 90909293 T 19900605; AU 5824190 A 19900605; CA 2056408 A 19900605; CN 90103016 A 19900619; DE 69023911 T 19900605; EP 90909293 A 19900605; ES 90909293 T 19900605; JP 50886390 A 19900605; KR 910701897 A 19911218; NZ 23399590 A 19900608; PH 40696 A 19900618