

Title (en)

Manually-operated sprayer.

Title (de)

Handbediente Pump-Spritzeinheit.

Title (fr)

Dispositif unitaire de pulvérisation à pompe manuelle.

Publication

**EP 0126175 A1 19841128 (EN)**

Application

**EP 83105039 A 19830520**

Priority

EP 83105039 A 19830520

Abstract (en)

A hand operated spray unit provides for ambient air being drawn through the nozzle (35) into the reservoir (1) between spraying actions to prevent clogging of the nozzle (35). A hollow exit valve stem (19) acts as a mobile suction cylinder on its upward stroke though being swept by an immobile plunger (41).

IPC 1-7

**B05B 11/02**

IPC 8 full level

**B05B 11/00** (2006.01)

CPC (source: EP)

**B05B 11/1016** (2023.01); **B05B 11/1019** (2023.01); **B05B 11/1087** (2023.01); **B05B 11/1088** (2023.01); **B05B 11/1097** (2023.01)

Citation (search report)

- [A] FR 2434943 A1 19800328 - WASSILIEFF VICTOR
- [A] GB 2043766 A 19801008 - YOSHINO KOGYOSHO CO LTD

Cited by

EP0835820A1; AU688786B2; WO0187641A2; WO9521100A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0126175 A1 19841128**; **EP 0126175 B1 19871104**; DE 3374278 D1 19871210

DOCDB simple family (application)

**EP 83105039 A 19830520**; DE 3374278 T 19830520