

Title (en)

Variable-dispensing non-aerosol pump.

Title (de)

Pumpe des Typs "Ohne-Aeorosol" mit variabler Flüssigkeitsausgabe.

Title (fr)

Pompe du type "non-aérosol" pour distribution de liquide variable.

Publication

**EP 0070385 A1 19830126 (EN)**

Application

**EP 82104976 A 19820607**

Priority

US 28521781 A 19810720

Abstract (en)

A variable delivery pump spray valve means comprising a valve (1) having, a dip tube (12) and an actuator button (23) and a means (29) cooperating with the actuator button, to vary the length of the stroke when said actuator button, is depressed to vary the amount of liquid delivered.

IPC 1-7

**B05B 9/043**; **F04B 9/14**

IPC 8 full level

**B05B 11/00** (2006.01)

CPC (source: EP)

**B05B 11/1008** (2023.01); **B05B 11/1019** (2023.01)

Citation (search report)

[A] US 4051983 A 19771004 - ANDERSON WALTER F

Cited by

CN104289331A; US5516006A; EP0090659A3; EP0135010A1; US4655690A; EP0636421A1; US5433343A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0070385 A1 19830126**; AU 8615482 A 19830127; BR 8204094 A 19830705; ZA 825146 B 19830525

DOCDB simple family (application)

**EP 82104976 A 19820607**; AU 8615482 A 19820719; BR 8204094 A 19820714; ZA 825146 A 19820719