

Title (en)

SPRAY DEVICE FOR DISPENSING A RELATIVELY HIGH VISCOSITY COMPOSITION.

Title (de)

AEROSOLBEHÄLTER ZUR AUSGABE VON RELATIV HOCHVISKOSEN ZUSAMMENSETZUNGEN.

Title (fr)

DISPOSITIF AEROSOL POUR DISTRIBUER UNE COMPOSITION A VISCOSITE RELATIVEMENT ELEVEE.

Publication

**EP 0614439 B1 19950712 (FR)**

Application

**EP 93901805 A 19921201**

Priority

- FR 9114915 A 19911202
- FR 9201117 W 19921201

Abstract (en)

[origin: WO9311058A1] The device (D) comprises a can (1) for use with its nozzle end (2) uppermost, containing the composition (C) and a pressurized gaseous propellant (B) acting directly on the composition, a dispensing valve (5) being placed in the upper portion of the can on an orifice (3) thereof, while a tube connected to the valve extends to the base of the can. The composition (C) to be dispensed has a viscosity (measured on the Brookfield DV III viscometer, needle n 7) in the range of 4,000 to 10,000 millipascals.seconds, preferably from 6,000 to 8,000 millipascals.seconds, for a speed of 100 revolutions/minute and of 30,000 to 150,000 millipascals.seconds, preferably from 50,000 to 120,000 millipascals.seconds, for a speed of 2.5 revolutions/minute; the tube consists of a semi-capillary tube (18) having an inner diameter ( $c^{\wedge}$ -) of between 0.7 and 1.5 mm.

IPC 1-7

**B65D 83/32**; **B65D 83/14**

IPC 8 full level

**B65D 83/34** (2006.01); **B65D 83/14** (2006.01); **B65D 83/36** (2006.01)

CPC (source: EP US)

**B65D 83/32** (2013.01 - EP US); **B65D 83/44** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

**WO 9311058 A1 19930610**; DE 69203459 D1 19950817; DE 69203459 T2 19960411; EP 0614439 A1 19940914; EP 0614439 B1 19950712; ES 2074388 T3 19950901; FR 2684358 A1 19930604; FR 2684358 B1 19950120; US 5467902 A 19951121

DOCDB simple family (application)

**FR 9201117 W 19921201**; DE 69203459 T 19921201; EP 93901805 A 19921201; ES 93901805 T 19921201; FR 9114915 A 19911202; US 23226394 A 19940506