

Title (en)
APPLICATOR FOR A POWDERY OR PASTY PRODUCT, ESPECIALLY A COSMETIC PRODUCT

Publication
EP 0349407 B1 19920422 (FR)

Application
EP 89401810 A 19890626

Priority
FR 8808591 A 19880627

Abstract (en)
[origin: JPH0298306A] PURPOSE: To make a compact product to be adhered in a state preferable to a coating device, by escaping air outward at a compacting motion through a support tube of a coating device. CONSTITUTION: When a user wants to coat a powder P onto, for example, and eyelid, a cap 104 is pushed to an arrow mark f2 direction at first to move a flange 124. The flange 124 functions for a piston to be compact. On this case, powder P is compacted around a coating device 106 moving parallel to the axial direction same with a cap 104 because the coating device 106 is fixed to the cap 104. At this time, air placed into a storage 111 escapes through a duct in the axial direction of a handle 107 and each duct formed along the cap 104. Next, when pressing force applied on the cap 104 is removed, the piston is pushed back by a spring 129 to bring the powder P into a dispersed state. Then, the coating device becomes ready to use.

IPC 1-7
A45D 33/00; **A45D 40/26**

IPC 8 full level
A45D 33/00 (2006.01); **A45D 33/04** (2006.01); **A45D 34/04** (2006.01); **A45D 40/26** (2006.01); **A61M 35/00** (2006.01)

CPC (source: EP US)
A45D 33/00 (2013.01 - EP US); **A45D 40/267** (2013.01 - EP US)

Cited by
FR2956012A1; FR2884500A1; EP1714578A1; US7824121B2; WO2011098541A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0349407 A1 19900103; **EP 0349407 B1 19920422**; CA 1327025 C 19940215; DE 68901313 D1 19920527; ES 2032232 T3 19930116; FR 2633167 A1 19891229; FR 2633167 B1 19900921; JP 2649420 B2 19970903; JP H0298306 A 19900410; US 4929108 A 19900529

DOCDB simple family (application)
EP 89401810 A 19890626; CA 603611 A 19890622; DE 68901313 T 19890626; ES 89401810 T 19890626; FR 8808591 A 19880627; JP 16281089 A 19890627; US 36772489 A 19890619