

Title (en)
APPLYING APPARATUS

Publication
EP 0339259 A3 19901107 (DE)

Application
EP 89105049 A 19890321

Priority
DE 3814304 A 19880428

Abstract (en)
[origin: EP0339259A2] An apparatus for applying compositions in liquid, powder or paste form, having an applicator through which the composition, stored in a supply cartridge, can emerge under the action of a metering element, in particular for cosmetic and medical applications, characterised in that the cartridge is a thin-walled film cartridge from which the composition can be expressed by means of a spreader attached to a slide. <IMAGE>

IPC 1-7
A45D 40/26; A45D 34/04

IPC 8 full level
A45D 33/00 (2006.01); **A45D 34/04** (2006.01); **A45D 40/26** (2006.01); **A46B 11/02** (2006.01)

CPC (source: EP US)
A45D 33/00 (2013.01 - EP US); **A45D 34/042** (2013.01 - EP US); **A45D 40/262** (2013.01 - EP US); **A45D 2034/005** (2013.01 - EP US)

Citation (search report)

- [X] DE 51430 C
- [X] FR 1179753 A 19590528 - BECTON DICKINSON CO
- [Y] US 2536968 A 19510102 - TIROCCHI LOUIS W, et al
- [A] GB 1051142 A
- [A] US 4005525 A 19770201 - GRINGER DONALD
- [A] FR 432947 A 19111220 - ERNEST BORNAND [CH]
- [A] US 2737677 A 19560313 - PASULKA NICHOLAS F

Cited by
WO2007083086A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0339259 A2 19891102; EP 0339259 A3 19901107; DE 3814304 A1 19891109; US 4991989 A 19910212

DOCDB simple family (application)
EP 89105049 A 19890321; DE 3814304 A 19880428; US 34433189 A 19890427