

Title (en)  
PRODUCT APPLICATOR

Title (de)  
PRODUKTAUFTRAGEGERÄT

Title (fr)  
APPLICATEUR DE PRODUIT

Publication  
**EP 1030572 A1 20000830 (EN)**

Application  
**EP 98958638 A 19981118**

Priority

- GB 9724713 A 19971121
- GB 9724714 A 19971121
- GB 9724715 A 19971121
- GB 9724716 A 19971121
- US 9824639 W 19981118

Abstract (en)  
[origin: WO9926508A1] The invention relates to a hand-held packaged flowable composition, the package comprising an applicator (114) and a container (10), the container having flexible and resilient walls and comprising a reservoir for the flowable composition (24), the applicator having a plurality of elongated parting members (144) forming a distribution cross section for distributing the flowable composition in a volume by displacement of the applicator in a direction substantially normal the the cross section, the distribution cross section comprising a plurality of outlet (146), the composition distribution through the outlets being actuated by application of a pressure to the flexible and resilient walls (12), whereby at least 0.1 g and up to 0.5 g of composition are distributed per cm<2> of the cross section and per second when a pressure of 1.5 Pa is applied to the flexible and resilient walls (12). In a preferred embodiment, the composition is a hair dye composition.

IPC 1-7  
**A45D 19/02**; **A45D 24/26**

IPC 8 full level  
**A45D 19/02** (2006.01); **A45D 24/26** (2006.01); **B65D 47/42** (2006.01); **B65D 83/00** (2006.01); **A45D 19/00** (2006.01)

CPC (source: EP US)  
**A45D 19/0066** (2021.01 - EP); **A45D 19/0083** (2021.01 - EP); **A45D 19/026** (2021.01 - EP US); **A45D 19/028** (2021.01 - EP US); **A45D 24/26** (2013.01 - EP); **B65D 47/42** (2013.01 - EP); **B65D 83/0055** (2013.01 - EP); **B65D 2231/004** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9926508 A1 19990603**; AU 1463799 A 19990615; CA 2310457 A1 19990603; CN 1283968 A 20010214; EP 1030572 A1 20000830; HU P0101233 A2 20010828; JP 2001523500 A 20011127

DOCDB simple family (application)  
**US 9824639 W 19981118**; AU 1463799 A 19981118; CA 2310457 A 19981118; CN 98813252 A 19981118; EP 98958638 A 19981118; HU P0101233 A 19981118; JP 2000521725 A 19981118