

Title (en)

Applicator for liquids, especially for use in cosmetics

Title (de)

Flüssigkeitsspender, insbesondere für kosmetische Produkte

Title (fr)

Applicateur pour produits liquides, notamment cosmétiques

Publication

**EP 0581922 B1 19980325 (FR)**

Application

**EP 93902334 A 19921216**

Priority

- FR 9201188 W 19921216
- FR 9200131 A 19920108

Abstract (en)

[origin: FR2685925A1] The invention relates to a monofilament fiber of plastic material containing from 0.2 to 15 % by weight of at least one agent improving the sliding characteristic of the fiber and reducing its wettability to water and/or to solvents. The invention also relates to an applicator for liquid product comprising a plurality of bristles mechanically connected to a single element wherein at least one portion of the bristles is comprised of sections of a fiber hereabove defined; said applicators are particularly useful for the application of cosmetic products.

IPC 1-7

**D01F 1/10**; **D01F 6/60**; **D01F 6/90**; **A46D 1/00**; **A46B 3/18**

IPC 8 full level

**A45D 34/04** (2006.01); **A46B 3/22** (2006.01); **A46D 1/00** (2006.01); **D01D 5/253** (2006.01); **D01F 1/10** (2006.01); **D01F 6/00** (2006.01); **D01F 6/60** (2006.01); **D01F 6/62** (2006.01); **D01F 6/82** (2006.01); **D01F 6/90** (2006.01)

CPC (source: EP)

**A45D 34/04** (2013.01); **A46D 1/00** (2013.01); **D01F 1/10** (2013.01); **D01F 6/60** (2013.01); **D01F 6/90** (2013.01)

Cited by

EP1004255A1; FR2786376A1; US6210059B1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**FR 2685925 A1 19930709**; **FR 2685925 B1 19940408**; CA 2100345 A1 19930709; CA 2100345 C 20020730; DE 69224899 D1 19980430; DE 69224899 T2 19980723; EP 0581922 A1 19940209; EP 0581922 B1 19980325; ES 2113523 T3 19980501; JP 3100162 B2 20001016; JP H06505539 A 19940623; WO 9314251 A1 19930722

DOCDB simple family (application)

**FR 9200131 A 19920108**; CA 2100345 A 19921216; DE 69224899 T 19921216; EP 93902334 A 19921216; ES 93902334 T 19921216; FR 9201188 W 19921216; JP 51042893 A 19921216