

Title (en)

Applicator as well as package and application apparatus comprising such an applicator

Title (de)

Applikator sowie Verpackung- und Auftragungseinheit mit einem solchen Applikator

Title (fr)

Applicateur et dispositif de conditionnement et d'application comportant un tel applicateur

Publication

**EP 1428454 B1 20070124 (FR)**

Application

**EP 03293090 A 20031210**

Priority

FR 0215577 A 20021210

Abstract (en)

[origin: EP1428454A1] The applicator comprises of a cage (40) interdependent of a prehension organ (31, 32) and defining a housing (41) to receive a spring loaded ball applicator (30). A spring loaded ball rotates in the housing defined by the cage. The cage moves relative to the prehension organ and linked to the organ by a link unit (37) that deforms elastically, where the link unit comprises of lint. An Independent claim is also included for a device of conditioning and application.

IPC 8 full level

**A45D 34/04** (2006.01)

CPC (source: EP US)

**A45D 34/041** (2013.01 - EP US); **A45D 34/045** (2013.01 - EP US)

Cited by

FR3063210A1; WO2018153535A1; WO2011055339A3; EP1498045B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1428454 A1 20040616**; **EP 1428454 B1 20070124**; DE 60311398 D1 20070315; DE 60311398 T2 20070823; ES 2280713 T3 20070916; FR 2848126 A1 20040611; FR 2848126 B1 20060915; US 2004131414 A1 20040708; US 7044670 B2 20060516

DOCDB simple family (application)

**EP 03293090 A 20031210**; DE 60311398 T 20031210; ES 03293090 T 20031210; FR 0215577 A 20021210; US 72991703 A 20031209