

Title (en)  
Dispenser

Title (de)  
Auftraggerät

Title (fr)  
Applicateur

Publication  
**EP 1468937 B1 20060712 (DE)**

Application  
**EP 03009007 A 20030417**

Priority  
EP 03009007 A 20030417

Abstract (en)  
[origin: EP1468937A1] The applicator (26), as a pen or stick and the like, has a reservoir (12) for the product and at least one jet opening (30,32,34) between the reservoir and the application zone (28). A piston (24) with a spindle (18) advances the product (14) through the applicator to the jet openings, with ratchet structures (38,40) to prevent a piston return movement, with two setting systems to advance a sufficient volume of the product for an applications, and to force it out through the jet openings.

IPC 8 full level  
**B65D 83/00** (2006.01)

CPC (source: EP)  
**B65D 83/0011** (2013.01)

Cited by  
GB2441129A; GB2441129B

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1468937 A1 20041020; EP 1468937 B1 20060712**; AT E332856 T1 20060815; DE 50304212 D1 20060824; ES 2268204 T3 20070316

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**EP 03009007 A 20030417**; AT 03009007 T 20030417; DE 50304212 T 20030417; ES 03009007 T 20030417