

Title (en)  
SPRAY APPLICATOR

Title (de)  
Spitzvorrichtung

Title (fr)  
APPLICATEUR D'AEROSOL

Publication  
**EP 0846011 A1 19980610 (EN)**

Application  
**EP 96927806 A 19960816**

Priority  
• GB 9602011 W 19960816  
• GB 9516984 A 19950818  
• GB 9604759 A 19960306

Abstract (en)  
[origin: WO9706842A1] A multi-dose spray applicator is disclosed for dispensing a pharmaceutical from a sealed container, said applicator comprising means for holding the container, a manually operable metering pump for delivering said pharmaceutical as a nasal spray and a hollow needle associated with said pump for penetrating a membrane sealing said container and dispensing the pharmaceutical through the pump, said container having a movable wall or plug which is movable to displace liquid from the container as it is dispensed by the pump.

IPC 1-7  
**A61M 15/00**; **B05B 11/00**

IPC 8 full level  
**A61M 11/00** (2006.01); **A61M 15/00** (2006.01); **B05B 11/00** (2006.01); **B65D 83/14** (2006.01); **A61M 15/08** (2006.01)

CPC (source: EP US)  
**A61M 15/0065** (2013.01 - EP); **B05B 11/0054** (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP); **A61M 15/08** (2013.01 - EP); **B05B 11/0038** (2018.07 - EP US); **B05B 11/028** (2023.01 - EP)

Citation (search report)  
See references of WO 9706842A1

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

DOCDB simple family (publication)  
**WO 9706842 A1 19970227**; AU 6750396 A 19970312; AU 707525 B2 19990715; CA 2229666 A1 19970227; CN 1193283 A 19980916; EP 0846011 A1 19980610; JP H11514254 A 19991207

DOCDB simple family (application)  
**GB 9602011 W 19960816**; AU 6750396 A 19960816; CA 2229666 A 19960816; CN 96196362 A 19960816; EP 96927806 A 19960816; JP 50906697 A 19960816