

Title (en)  
MEDICINE SPRAYING DEVICE

Title (de)  
ARZNEIMITTELSPRÜHVORRICHTUNG

Title (fr)  
DISPOSITIF DE VAPORISATION DE M DICAMENT

Publication  
**EP 1719558 A1 20061108 (EN)**

Application  
**EP 04792018 A 20041004**

Priority  
• JP 2004014607 W 20041004  
• JP 2004049379 A 20040225

Abstract (en)  
A device is provided to be able to spray over a wide range and suppress a chilling injury. In the device, a rotating nozzle is connected to a connection pipe having a connection passage in communication to a nozzle stem or an aerosol can to have an outlet directed laterally. The rotating nozzle comprises a hollow support having a connection passage connected to a connection passage outlet of the connection pipe and a hollow arm rotatably supported at a tip end of the support, and an arm office is provided at a tip end of a connection passage in the arm and oriented such that reaction force of spray causes the rotating nozzle to rotate and aerosol contents are sprayed forwardly of a rotating plane of the rotating nozzle.

IPC 8 full level  
**B05B 9/04** (2006.01); **B05B 3/04** (2006.01); **B05B 3/06** (2006.01); **B65D 83/14** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP KR)  
**B05B 3/02** (2013.01 - KR); **B05B 3/04** (2013.01 - KR); **B05B 3/06** (2013.01 - EP); **B05B 9/04** (2013.01 - KR); **B65D 83/303** (2013.01 - EP); **B05B 11/0089** (2013.01 - EP)

Citation (search report)  
See references of WO 2005080000A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1719558 A1 20061108**; AU 2004316102 A1 20050901; CN 1921950 A 20070228; KR 20070003889 A 20070105; TW 200528194 A 20050901; WO 2005080000 A1 20050901

DOCDB simple family (application)  
**EP 04792018 A 20041004**; AU 2004316102 A 20041004; CN 200480042084 A 20041004; JP 2004014607 W 20041004; KR 20067017619 A 20060831; TW 93130119 A 20041005