

Title (en)  
Nozzle for dispensing of a flowing substance

Title (de)  
Düse für die Abgabe einer fließfähigen Substanz

Title (fr)  
Buse de distribution d'une substance fluide

Publication  
**EP 1632293 B1 20091118 (DE)**

Application  
**EP 05010827 A 20050519**

Priority  
DE 102004043111 A 20040907

Abstract (en)  
[origin: EP1632293A1] The nozzle for the delivery of a free-flowing substance such as liquid or paste-form adhesives or sealants has a point (1) with a mouth (4) for the discharge of the substance. A positionable adjusting element (2) is provided for the variation of the opening geometry of the mouth which has a fabricated opening profile (6,7). The adjusting element is constructed as a coupling sleeve which is fixable and positionally variable in the nozzle direction.

IPC 8 full level  
**B05C 17/005** (2006.01); **B29C 48/30** (2019.01)

CPC (source: EP KR US)  
**B05C 17/005** (2013.01 - KR); **B05C 17/00516** (2013.01 - EP US)

Cited by  
DE102012110818A1; DE102009011178A1; US7524176B2; US9937518B2; WO2006134161A1; WO2014191369A1

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

DOCDB simple family (publication)  
**EP 1632293 A1 20060308; EP 1632293 B1 20091118**; AT E448887 T1 20091215; AU 2005281991 A1 20060316; AU 2005281991 B2 20100311; BR PI0514972 A 20080701; BR PI0514972 B1 20180214; CA 2579362 A1 20060316; CA 2579362 C 20120710; CN 100479929 C 20090422; CN 101014419 A 20070808; DE 102004043111 A1 20060309; DE 502005008518 D1 20091231; DK 1632293 T3 20100406; ES 2335289 T3 20100324; JP 2008512221 A 20080424; JP 5122283 B2 20130116; KR 101220704 B1 20130118; KR 20070050463 A 20070515; PL 1632293 T3 20100430; US 2007210187 A1 20070913; US 7708211 B2 20100504; WO 2006027105 A1 20060316

DOCDB simple family (application)  
**EP 05010827 A 20050519**; AT 05010827 T 20050519; AU 2005281991 A 20050824; BR PI0514972 A 20050824; CA 2579362 A 20050824; CN 200580029885 A 20050824; DE 102004043111 A 20040907; DE 502005008518 T 20050519; DK 05010827 T 20050519; EP 2005009115 W 20050824; ES 05010827 T 20050519; JP 2007529328 A 20050824; KR 20077005324 A 20050824; PL 05010827 T 20050519; US 68291707 A 20070307