

Title (en)  
Device for applying adhesives

Title (de)  
Vorrichtung zum Auftragen von Klebstoff

Title (fr)  
Dispositif d'application d'adhésifs

Publication  
**EP 1577020 A3 20080319 (DE)**

Application  
**EP 05004393 A 20050301**

Priority  
DE 102004013845 A 20040320

Abstract (en)  
[origin: EP1577020A2] The adhesive application device applies an adhesive to the surface (50) of a component (5). The device includes a sonotrode (1), containing a channel (10) for the supplier that he is in. The channel has an adhesive outlet aperture (11) in the region of the free head end of the sonotrode. Sonotrode vibrations are transmitted to the adhesive as it comes out of the output aperture.

IPC 8 full level  
**B05B 17/06** (2006.01); **B05C 5/02** (2006.01); **B05C 9/08** (2006.01); **B05C 11/10** (2006.01); **B05D 5/10** (2006.01); **C09J 5/00** (2006.01)

CPC (source: EP US)  
**B05C 5/02** (2013.01 - EP US); **B05C 11/1034** (2013.01 - EP US); **B05B 17/06** (2013.01 - EP US); **Y10T 156/1798** (2015.01 - EP US)

Citation (search report)

- [X] WO 9946110 A1 19990916 - ROSSLYN PRECISION LTD [GB], et al
- [X] WO 0175210 A1 20011011 - ROSSLYN PREC LTD [GB], et al
- [A] US 3317139 A 19670502 - WILLIAM FREELAND
- [A] EP 0242460 A1 19871028 - SPECTRUM CONTROL INC [US]

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

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1577020 A2 20050921; EP 1577020 A3 20080319; EP 1577020 B1 20090826**; AT E440675 T1 20090915; DE 102004013845 B3 20051103; DE 502005007969 D1 20091008; US 2005238819 A1 20051027

DOCDB simple family (application)  
**EP 05004393 A 20050301**; AT 05004393 T 20050301; DE 102004013845 A 20040320; DE 502005007969 T 20050301; US 8453005 A 20050318