

Title (en)
Device for application of a fluid material

Title (de)
Vorrichtung zur Anwendung eines flüssigen Materials

Title (fr)
Dispositif pour l'application d'un matériau fluide

Publication
EP 2163312 A1 20100317 (EN)

Application
EP 08016202 A 20080913

Priority
EP 08016202 A 20080913

Abstract (en)
The invention refers to a device for application of a fluid material comprising a housing (34) wherein the material is extruded through an orifice being located at the base part (24) of the housing (34) and being controlled by a valve connected to a feed channel (43) through which the fluid material is being supplied, where the orifice is formed by at least one nozzle piece (26), said nozzle piece (24) is located in the base part (24) of the housing (34) and designed to be used as a valve seat (42) of the material valve and that the valve is positioned directly at the inner side of the nozzle plate (24).

IPC 8 full level
B05B 15/02 (2006.01); **B05B 15/55** (2018.01); **B05B 15/555** (2018.01); **B05C 5/02** (2006.01)

CPC (source: EP)
B05B 15/55 (2018.01); **B05B 15/555** (2018.01); **B05C 5/0275** (2013.01); **B05C 5/0225** (2013.01); **B05C 5/0279** (2013.01)

Citation (applicant)

- WO 2008151714 A1 20081218 - ZIMMER MASCHB GES M B H J [AT], et al
- US 4582231 A 19860415 - WARNING JR WALTER B [US]
- EP 1449592 A2 20040825 - SEALED AIR CORP [US]
- EP 1137492 A1 20011004 - EFTEC EUROPE HOLDING AG [CH]

Citation (search report)

- [X] US 4582231 A 19860415 - WARNING JR WALTER B [US]
- [X] EP 1449592 A2 20040825 - SEALED AIR CORP [US]
- [E] WO 2008151714 A1 20081218 - ZIMMER MASCHB GES M B H J [AT], et al

Citation (examination)
US 7332035 B1 20080219 - TUDOR THOMAS [US], et al

Cited by
EP2392408A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2163312 A1 20100317; WO 2010028755 A1 20100318

DOCDB simple family (application)
EP 08016202 A 20080913; EP 2009006304 W 20090901