

Title (en)

Device with multiple high pressure nozzles and protection chamber and method for discharging an adhesive

Title (de)

Vorrichtung mit mehreren Hochdruckdüsen und Schutzkammern sowie Verfahren zum Abgeben eines Klebstoffs

Title (fr)

Dispositif doté de plusieurs buses d'air sec et de chambres de protection ainsi que procédé de distribution de colle

Publication

EP 2248599 B1 20130807 (DE)

Application

EP 09159659 A 20090507

Priority

EP 09159659 A 20090507

Abstract (en)

[origin: EP2248599A1] The device has multiple nozzle openings and adhesive supply system (15), where adhesive is delivered by a portion of the system. The openings are operated by a high pressure needle valve or high pressure piston valve with a needle or piston (19). A protective region (40) is arranged in a rear region of the needle or piston. The protective region surrounds the needle or the piston in a sealing manner, and the protective region is applied with a protective medium (SM) e.g. liquid and air. Ring-shaped sealing elements (41, 42) surround the needle or the piston. An independent claim is also included for a method for discharging an adhesive bead- or adhesive sheet.

IPC 8 full level

B05C 5/02 (2006.01)

CPC (source: EP)

B05C 5/0225 (2013.01); **B05C 5/0279** (2013.01)

Citation (examination)

DE 202005011119 U1 20050929 - ELEKTROBAU WEHRMANN GMBH [DE]

Cited by

CN116899820A; CN104238202A; US9700914B2; WO2016050085A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2248599 A1 20101110; EP 2248599 B1 20130807; WO 2010128020 A1 20101111

DOCDB simple family (application)

EP 09159659 A 20090507; EP 2010055990 W 20100503