

Title (en)

APPLICATION DEVICE AND METHOD FOR PRODUCING AN APPLICATION DEVICE

Title (de)

AUFTRAGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER AUFTRAGSVORRICHTUNG

Title (fr)

DISPOSITIF D'APPLICATION ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF D'APPLICATION

Publication

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Application

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Abstract (en)

[origin: CA3198651A1] The invention relates to an application device (1) for applying a viscous material onto a substrate, comprising: an inner container (3) for accommodating the viscous material, said inner container having a discharge opening (18); an outer casing (2) surrounding the inner container (3) and having a substantially hollow-cylindrical neck region (6) with an inner diameter D1 and an opening (7) formed in the neck region (6); and an applicator (4) connected to the outer casing (2), wherein, by means of pressure on the outer casing (2), the viscous material can be conveyed out of the inner container (3) into the applicator (4) and by means of said applicator can be applied onto a substrate, wherein the application device (1) has a ventilation device, comprising an insert (19), which is connected air-tightly to the inner container (3) in the region of the discharge opening (18), is substantially hollow-cylindrical and has an outer diameter D2, wherein the outer diameter D2 of the insert (19) is smaller than the inner diameter D1 of the neck region (6) of the outer casing (2), and wherein the insert (19) has, on its outside, latching means (22) with the aid of which the insert is latched in the inserted position within the neck region (6) of the outer casing (2), wherein, in this inserted position, as a result of the different diameters D1 and D2, an annular gap is formed between the insert (19) and the neck region (6) of the outer casing (2), through which annular gap air can flow from outside into the intermediate space between the outer casing (2) and the inner container (3) and vice versa, and wherein the connection between the applicator (4) and the outer casing (2) is also permeable to air and the applicator (4) comprises a sealing means (25) by means of which, when the applicator (4) is in the inserted position, the inner volume of the inner container (3) is sealed off in an air-tight and leak-proof manner from the intermediate space between the outer casing (2) and the inner container (3). The invention further relates to a method for producing an application device (1) of this kind.

IPC 8 full level

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