

Title (en)

MONITORING METHOD AND APPLICATION DEVICE FOR A MULTI-COMPONENT VISCOUS MATERIAL

Title (de)

ÜBERWACHUNGSVERFAHREN SOWIE AUFTRAGSVORRICHTUNG FÜR MEHRKOMPONENTIGES VISKOSES MATERIAL

Title (fr)

PROCÉDÉ DE SURVEILLANCE ET DISPOSITIF D'APPLICATION POUR UN MATÉRIAU VISQUEUX À CONSTITUANTS MULTIPLES

Publication

**EP 3983135 B1 20230614 (DE)**

Application

**EP 20736253 A 20200616**

Priority

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Abstract (en)

[origin: WO2021023419A1] The invention relates to a method for monitoring a device (10) for applying an at least two-component viscous material to workpieces, comprising a metering unit (12) having a number of metering valves (18) corresponding with the number of components of the viscous material, as well as comprising a static mixer (14) detachably secured to the metering unit (12) for blending the components, wherein the static mixer (14) has a material inlet (30) facing the metering unit (12) and a material outlet (32) facing away from the metering unit (12), and wherein each metering valve (18) has a supply channel (48) that can be sealingly connected to a valve seat (22) for supplying the respective component to the static mixer (14), wherein a number of material applications are carried out after one another, each having an identical predetermined time between a start (52) of the application and an end (62) of the application. According to the invention, during the material applications, between the start (52) of the application and the end (62) of the application, at predetermined times, the pressure in at least one of the supply channels (48) is measured by means of a pressure sensor (50) and preferably measured in all supply channels (48) by means of a respective pressure sensor (50).

IPC 8 full level

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Citation (opposition)

Opponent : bdttronic GmbH

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