

Title (en)
APPARATUS FOR APPLYING A LIQUID MATERIAL AND METHOD FOR DETERMINING A FUNCTION USED TO OPERATE THE APPARATUS

Title (de)
GERÄT ZUM AUFTRAGEN EINES FLÜSSIGEN MATERIALS UND VERFAHREN ZUR BESTIMMUNG EINER FUNKTION ZUM BETRIEB DES GERÄTES

Title (fr)
APPAREIL POUR APPLIQUER UN MATÉRIAU LIQUIDE ET PROCÉDÉ POUR DÉTERMINER UNE FONCTION UTILISÉE POUR FAIRE FONCTIONNER L'APPAREIL

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Abstract (en)
The invention relates to an apparatus (1) for applying a liquid material to a plurality of parts (100). The apparatus comprises at least a first gun (30a) through which the material can be applied to the parts (100), a reservoir (40) for holding the material, the reservoir (40) being fluidically connected to the first gun (40a), a pressure system (50) for providing a gas pressure acting on the material located in the reservoir (40), the pressure system (50) having a pressure regulator (51), by means of which the gas pressure acting on the material can be adjusted, and a pressure sensor (52) for detecting the gas pressure acting on the material, a temperature sensor (70) for detecting the temperature of the material, and a control unit (60) in which a material-specific function is stored which specifies a setpoint value for the gas pressure which depends on the detected temperature of the material. The invention relates also to a method to determine the material-specific function.

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Citation (applicant)
WO 2019120919 A1 20190627 - ACTEGA ARTISTICA S A U [ES]

Citation (search report)
• [XAY] WO 2011058842 A1 20110519 - MURATA MACHINERY LTD [JP], et al
• [A] CN 205797657 U 20161214 - SUZHOU HENGYUAN MICRO-CONTROL TECH CO LTD
• [Y] EP 1648618 A1 20060426 - CUSTOM MACHINING CORP [US]
• [A] EP 3932647 A1 20220105 - ACTEGA ARTISTICA S A U [ES]

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