

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY SWITCHING A MORTAR GUN ON AND OFF

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SELBSTTÄTIGEN AB- UND ANSCHALTEN EINER MÖRTELSPRITZMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF DE MISE EN SERVICE ET HORS SERVICE AUTOMATIQUES D'UNE MACHINE A PULVERISER DU MORTIER

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Application

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Abstract (en)

[origin: DE19830731A1] The invention relates to a method for automatically switching a mortar gun on and off, said mortar gun comprising a preferably electric motor driven mortar pump (1) which can be switched on and off with a motor control switch (3) and a delivery hose (4) which can be connected to said pump and at whose end a spray gun (5) with a shut-off cock (6) is provided. The mortar gun also has a control pulse generator (8) which interacts with said shut-off cock (6). The inventive method is characterised in that the control pulse generator (8) is activated by pressure differences of the pumping medium which occur when the spray gun is closed or opened. When a predetermined upper pressure limit is exceeded as a result of the spray gun (5) being closed, a control signal for switching off the mortar pump (1) is generated. When the pressure drops below a predetermined lower pressure limit as a result of the spray gun (5) being opened, a control signal for re-starting the mortar pump (1) is generated.

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