

**TITLE OF INVENTION: METERING SYSTEM AND METHOD FOR
CONTROLLING A METERING SYSTEM**

ABSTRACT

A metering system (1) for metering a metering material. The metering system (1) comprises a housing (11), having a nozzle (70) and a supply channel (62) for metering material, and a discharge element (80) moveably mounted in the housing (11), as well as an actuator unit (10) coupled to the discharge element. The actuator unit (10) comprises an actuator (12) having a membrane (13) which can be applied with a pressure medium in order to move the discharge element (80) in a discharge direction (RA). The discharge element (80) is designed to be separate and is pressed against a lateral surface (19) of the membrane (13) pointing in the direction of the discharge element (80) by means of a force acting on the discharge element (80) for the purpose of coupling to the actuator unit. The invention also relates to a method for controlling a metering system (1).

[FIG. 1]