

Title (en)
MEASURING DEVICE FOR METERING FLUIDS, AND METHOD FOR METERING BY MEANS OF A MEASURING DEVICE OF THIS TYPE

Title (de)
MESSVORRICHTUNG ZUR DOSIERUNG VON FLUIDEN SOWIE VERFAHREN ZUR DOSIERUNG MIT EINER DERARTIGEN
MESSVORRICHTUNG

Title (fr)
DISPOSITIF DE MESURE POUR LE DOSAGE DE FLUIDES, ET PROCÉDÉ DE DOSAGE AU MOYEN D'UN DISPOSITIF DE MESURE DE CE
TYPE

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Application
EP 21830586 A 20211110

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Abstract (en)
[origin: WO2022099340A1] The invention relates to measuring devices for metering fluids, comprising: a container (10) in which the fluid is stored; a fluid inlet (12) that is fluidically connected to the container (10); a fluid outlet (48) that can be fluidically connected to a metering point (11); a metering line (13), via which the fluid inlet (12) is connected to the fluid outlet (48), and in which a delivery pump (20), a density sensor (26) and a flowmeter (38) are situated; and comprising a return line (50) which branches from the metering line (13) downstream of the flowmeter (38) and opens into the container (10). In order both to obtain precise measurement results and to minimise the space requirement at the metering point (11) while requiring simple equipment, according to the invention the flowmeter (38) is situated in a measuring-unit housing (34) which is spaced apart from a pump-unit housing (16) in which at least the delivery pump (20) is situated, wherein the pump-unit housing (16) and the measuring-unit housing (34) are detachably interconnected via a connection portion (33) of the metering line (13).

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