

A DIAPHRAGM PUMP FOR DOSING A FLUID AND AN ACCORDING METHOD

ABSTRACT

A diaphragm pump (10), in particular for use as a detergent dosage pump, comprises a pump housing (12) with
5 at least a first check valve (14) and a second check valve (16), a fluid chamber (18), a diaphragm (20) defining a wall of the fluid chamber (18) and reciprocatingly movable, driving means (28) with a driving shaft (30) for reciprocating said diaphragm (20),
10 a control unit (36), wherein the driving means (28) is connected to the diaphragm (20) by an eccentric (26) and a con rod (24), wherein the driving means (28) is configured as a gearless drive to directly reciprocate the diaphragm (20). The diaphragm pump (10) according to
15 the invention offers increased cost efficiency and further it is possible to increase the dosing capabilities of the diaphragm pump (10).

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Fig. 1

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