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(54) Title: A DIAPHRAGM PUMP FOR DOSING A FLUID AND AN ACCORDING METHOD

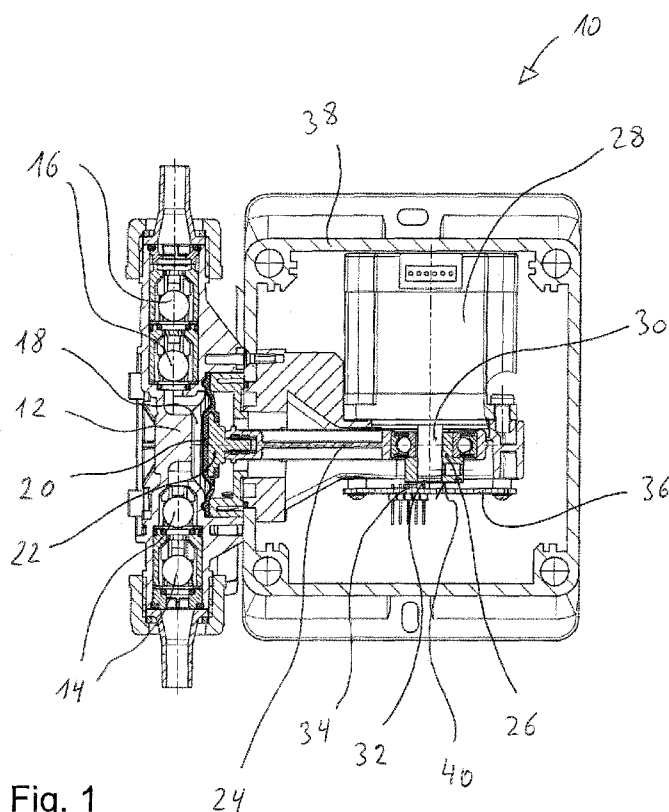


Fig. 1

(57) Abstract: A diaphragm pump (10), in particular for use as a detergent dosage pump, comprises a pump housing (12) with 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 reciprocally movable, driving means (28) with a driving shaft (30) for reciprocating said diaphragm (20), 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 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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