Title (en)

DIAPHRAGM PUMP, AND EXHAUST-GAS AFTERTREATMENT SYSTEM HAVING A DIAPHRAGM PUMP

Title (de)

MEMBRANPUMPE SOWIE ABGASNACHBEHANDLUNGSSYSTEM MIT EINER MEMBRANPUMPE

Title (fr)

POMPE À MEMBRANE AINSI QUE SYSTÈME DE POST-TRAITEMENT D'EFFLUENTS GAZEUX À L'AIDE D'UNE POMPE À MEMBRANE

Publication

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Application

EP 11808666 A 20111230

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Abstract (en)

[origin: WO2012104001A1] Diaphragm pump for delivering a fluid, in particular an exhaust-gas aftertreatment medium, such as an aqueous urea solution for example, comprising a working chamber (1) which is delimited by a working diaphragm (2) and which can be connected via a first valve (3) to an inlet (4) and via a second valve (5) to an outlet (6), and an electromagnet (7) which comprises a coil assembly (8) and an armature (9) which interacts with the coil assembly (8) and is operatively connected to the working diaphragm (2). According to the invention, the valves (3, 5) are configured in a valve plate (10) which is arranged between the coil assembly (8) and the armature (9). Exhaust-gas aftertreatment system having a diaphragm pump of this type.

IPC 8 full level

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