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ABSTRACT OF THE DISCLOSURE

DIAPHRAGM PUMP



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A diaphragm pump having a simple structure for effectively preventing pulsation of liquid is disclosed. A diaphragm 110 is on an opening area of a first pump chamber. A cylindrical partitioning plate having an opening area in a lower portion is installed on an inner portion of the second pump chamber. In pumping operation, the air in the second pump chamber is compressively stored in the cylinder partitioning plate by the flowing liquid through an outside portion of the cylindrical partitioning plate and forms the constant pressure chamber. Accordingly, the pipe system is kept from being damaged and the level of noise can be reduced to a very adequate level by preventing the pulsation of the liquid.

FIG 7