

Title (en)
Diaphragm pump

Title (de)
Membranpumpe

Title (fr)
Pompe à diaphragme

Publication
EP 2418385 A1 20120215 (EN)

Application
EP 11250360 A 20110323

Priority
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Abstract (en)
The present invention relates to a wear reduction member 310 for use in a diaphragm pump 300, whereby the wear reduction member is a low-friction member configured to be locatable in the diaphragm pump between a diaphragm 312 and an adjacent surface so as to form low-frictional mating contact with the diaphragm and inhibit frictional mating contact between the diaphragm and the adjacent surface. The wear reduction member may have a substantially planar configuration. Alternatively, the wear reduction member may have a cap-like configuration whereby a peripheral portion of the wear reduction member is configured to bend over an edge of the adjacent surface away from the diaphragm. The present invention also relates to a diaphragm pump comprising at least one wear reduction member. The wear reduction member may be located between the diaphragm and the piston 306 or between the diaphragm and clamping member 314. The present invention further relates to a pumping system comprising a diaphragm pump with a wear reduction member.

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F04B 43/026 (2013.01 - EP US); **F05C 2225/04** (2013.01 - EP)

Citation (applicant)
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