

Title (en)
DIAPHRAGM PUMP

Title (de)
MEMBRANPUMPE

Title (fr)
POMPE À MEMBRANE

Publication
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Application
EP 08716538 A 20080314

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Abstract (en)
[origin: WO2009003540A1] The invention relates to a diaphragm pump (1) having a diaphragm (11), a solenoid with a movable magnet armature (8) as a drive element for the diaphragm (11), and a stop element (9) for adjusting the stroke for the drive element (8). The diaphragm pump according to the invention is characterized in that at least one elastic damper (36) is provided between the drive element (8) and a stop element (9), which elastic damper (36) has at least one compression chamber (26) which is surrounded and formed by at least one elastic boundary wall and by at least one rigid boundary wall of the drive element (8) and/or stop element (9).

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Opponent : ProMinent GmbH
• FR 2485108 A1 19811224 - GUINARD POMPES [FR]
• EP 1757809 A1 20070228 - PROMINENT DOSIERTECHNIK GMBH [DE]
• US 4143998 A 19790313 - O CONNOR ALTON J
• "Betriebsanleitung Dosierpumpe Prominent(R) gamma G75b", July 1999 (1999-07-01), pages 84, XP055626034
• "ProMinent® gamma/ 5 Bedienungsanleitung", AUSZUG AUS DER BETRIEBSANLEITUNG GAMMA/5, June 1991 (1991-06-01), pages FP - 55, XP055626038

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