

Title (en)

MEMBRANE PUMP WITH LEAKAGE DETECTION

Title (de)

MEMBRANPUMPE MIT LECKSCHUTZ

Title (fr)

POMPE À MEMBRANE AVEC DÉTECTION DE FUITES

Publication

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Application

**EP 17700440 A 20170116**

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Abstract (en)

[origin: WO2017125349A1] The invention relates to a membrane pump (700) comprising a first membrane (701) and a second membrane (702). A membrane interior space (704) with vacuum is formed between the first membrane (701) and the second membrane (702). The membrane interior space (704) comprises a first element (705) and a second element (707), wherein the first element (705) and the second element (707) are separated and electrically insulated by the vacuum in the interior space (704). The membrane pump (700) further comprises a resistance meter (709) which is configured to detect a resistance between the first element (705) and the second element (707) arising from a fluid leakage into the membrane interior space (704) due to rupture of the first membrane (701) and/or the second membrane (702).

IPC 8 full level

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