

Title (en)

VALVE ASSEMBLIES FOR A DIAPHRAGM PUMP

Title (de)

VENTILANORDNUNGEN FÜR EINE MEMBRANPUMPE

Title (fr)

DISPOSITIFS DE CLAPET DESTINÉS À UNE POMPE À MEMBRANE

Publication

EP 3938655 A1 20220119 (DE)

Application

EP 20711561 A 20200311

Priority

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Abstract (en)

[origin: WO2020182921A1] The invention relates to a valve assembly for a diaphragm pump, the valve assembly having an inlet side and an outlet side. A first outlet channel (23) leads from an inlet opening (24) arranged on the inlet side to an outlet opening (25) arranged on the outlet side, and a second outlet channel (26) leads from an inlet opening (27) arranged on the inlet side to an outlet opening (28) arranged on the outlet side. An inlet channel (30) has a first part (31) and a second part (32), the second part (32) having an outlet opening (33), which is arranged on the inlet side, and the first part (31) extending at an angle to the second part (32). An inlet valve body (40) is provided at the outlet opening (33) of the second part (32) of the inlet channel (30), and a first outlet valve body (41) is provided at the outlet opening (25) of the first outlet channel (23). The outlet opening (28) of the second outlet channel (26) is closed and opened either by a second outlet valve body or also by the first outlet valve body (41).

IPC 8 full level

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