

Title (en)
PULSATION DAMPING SYSTEM

Title (de)
PULSATIONS DÄMPFUNGSSYSTEM

Title (fr)
SYSTÈME D'AMMORTISATION DE PULSATION

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Abstract (en)
[origin: WO2019214905A1] The invention relates to a pulsation damping system (100) for reducing pressure oscillations in inlet-side and/or outlet-side pipes (6, 13) of piston pumps (101, 102), comprising at least one piston pump (101, 102) having a pump chamber (2, 4), wherein the pump chamber (2, 4) is connected to a pump inlet channel (6) via a first fluid connection (6a) and to a pump outlet channel (13) via a second fluid connection (13a) in order to convey a conveyance medium (9). According to the invention, the pump chamber (2, 4) also has at least one damping fluid connection (20a, 29a) using which each pump chamber (2, 4) is fluidically connected to a damping device (103, 104) for damping pressure oscillations.

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