

Title (en)
Hydraulic pump

Title (de)
Hydraulikpumpe

Title (fr)
Pompe hydraulique

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Application
EP 09001065 A 20090127

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Abstract (en)

The invention relates to a fluid working machine (1, 42), comprising at least one fluid inlet port (15, 16, 17), at least one fluid outlet port (22, 23) and a plurality of cyclically changing cavities (6, 7). The fluid working machine (1, 42) is able to supply a fluid flow rate sufficient for hydraulic applications and/or can be supplied by a fluid flow rate, sufficient to propel the fluid working machine (1, 42). At least one passive fluid connecting means (15, 16, 17, 18, 21) is provided in a fluid path, connecting the fluid inlet port (15, 16, 17) and at least one of the cyclically changing cavities (6, 7) of the fluid working machine (1, 42). At least one actuated valve (20) is provided in a fluid path, connecting said fluid inlet port (15, 16, 17) and at least one of said cyclically changing cavities (6, 7) of the fluid working machine (1, 42), wherein the actuated valve (20) can be actuated on a cycle-by-cycle basis.

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