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Title (de)
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Abstract (en)
[origin: WO2007054056A1] The invention relates to a pump, in particular a vane pump for providing steering assistance, having a housing (1) and if appropriate a housing cover, wherein a pressure medium delivery device, for example a rotary group (3) of a vane pump having a rotor (09), having a lift contour ring (13), having vanes (11) arranged in a radially moveable manner in the rotor and having at least one pressure plate (5), is arranged in the housing, wherein the pressure medium delivery device conveys pressure medium via one or more openings, so-called pressure kidneys, in the pressure plate into a pressure accumulating space which is formed between the delivery device and the housing and if appropriate the cover, and the pressure medium is conveyed further out of the pressure accumulating space to a hydraulic load and/or to a flow control valve, wherein the pressure accumulating space is divided by means of at least one flow resistance device (21) into two pressure spaces (25,27).

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