

Title (en)

APPARATUS PROVIDED WITH A VANE PUMP

Publication

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Application

EP 86116749 A 19861202

Priority

DE 3615983 A 19860513

Abstract (en)

[origin: EP0245539A2] The object of the invention is an apparatus fitted with a vane pump (10) which has a rotor (14) eccentrically supported in a housing (12) forming a chamber (16). The rotor (14) contains recesses (42) in which vanes are arranged in a radially displaceable manner, interacting with the inside wall of the housing. The wall of the chamber (16) contains two passages (24, 26) each for connection to at least one consuming unit and to a chamber containing a medium to be conveyed. The rotor (14) together with the housing (12) forms a second chamber (32), in the wall of which two passages (38, 40) are provided. Each passage (38, 40) is connected by means of a first and a second non-return valve (54, 56; 58, 60) on the one hand to a common chamber for the medium to be conveyed and on the other to a common duct (64) for the control pressure. The rotor (14) may be driven in either of the opposing directions of rotation. <IMAGE>

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F04C 15/04

IPC 8 full level

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Citation (search report)

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