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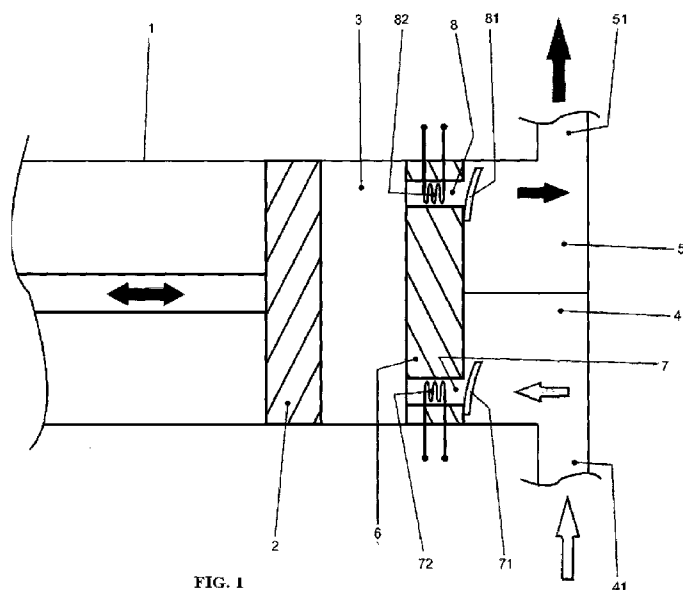


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(54) Title: SEMI-COMMANDED VALVE SYSTEM APPLIED TO COMPRESSOR AND METHOD FOR MODULATING THE CAPACITY OF A COMPRESSOR PROVIDED WITH A SEMI-COMMANDED VALVE SYSTEM



(57) Abstract: Semi-commanded valve system applied to an alternative-type compressor, wherein said compressor comprises at least a cylinder (1), at least a piston (2), at least a compression chamber (3), and at least one valve (71;81) acting in their respective orifice (7;8). Said at least one valve (71;81) is prestressed in a first operation state and is able to act as a check valve. Furthermore, said at least one valve (71;81) comprises at least a ferrous portion and can be selectively actuated by a magnetic field generating element (72;82). Method of modulating the capacity of a compressor provided with such a semi-commanded valve system.



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