

**95-0388**

The invention relates to the hydraulic motors of volumetrical displacement and may be used in hydraulic machine building, heating and electrical power engineering. The hydraulic motor comprises a body (1) with some chambers (3, 4), each of which is provided with a shock wave source acting on the working environment in the form of a spark-plug (13) and an injector (12). In the lower part of the body inner volume is formed a driving chamber (5) into which is installed a rotor (8) with blades (9). Into the body is mounted an even amount of chambers and inside of each chamber lengthwise its height is mounted a branch pipe (10) communicating in the lower part with the driving chamber (5) and the upper part is provided with a valve (11) and is installed in the detonation wave action zone. The driving chamber (5) is limited by walls (6) into which are made windows (19) provided with valves (20) by means of which the capacitance is connected with each chamber.

The technical result of the invention consist in the intensification of the hydraulic action on the rotor blades of the motor.