

Hydromechanical drive for pedal-powered vehicle, comprising a pump and a motor mounted in a wheel hub so as to be capable of rotating about a fixed wheel axis, a driven sprocket connected to a drive sprocket by a chain drive, a means for adjusting the transmission ratio while maintaining a constant torque and rotational speed of the driven sprocket, wherein the interior of the wheel hub is filled with a working fluid, and at least one disc, in which channels for the working fluid are formed, is installed between the pump and the motor. To reduce power transmission losses, improve the efficiency and reliability of the hydromechanical drive, simplify its design while ensuring high maintainability, and enhance the smoothness of the vehicle operation, the pump includes a cylinder block with pistons spring-loaded at one end, a swivel washer with a heel, into which the pistons are mounted at their other end and which is designed to slide along the swivel washer; the motor contains a cylinder block with radially mounted, spring-loaded pistons, wherein the motor cylinder block is mounted in a bore eccentrically located in the guide disc; a stationary distribution disc and a rotating distribution disc are mounted between the pump's cylinder block and the motor cylinder block, wherein channels are formed in the aforementioned discs and in the cylinder blocks for supplying working fluid to and from the cylinders; a driven sprocket is mounted via a drive coupling on the pump cylinder block; and to adjust the transmission ratio, a rod with a return spring is installed, which abuts against a return washer and has a cable connected to a cable tension adjuster.