

Device for storing kinetic energy**Abstract**

The invention relates to a device for storing kinetic energy, which has a flywheel (18) in a housing (10). The flywheel (18) is mounted in the housing (10) via a shaft (16). A motor-generator unit (22) is provided for storing energy as well as for energy recovery. In order to improve efficiency, a vacuum pump (24) for evacuating the interior (14) is arranged in the housing (10). The vacuum pump (24) is disposed on the shaft (16).

FIG. 1