Active walking aid

Published date: June 1, 2017

Technology description

Active walking aids were created. An upper end of that walk aid is a handle, and a lower end is a main body portion of a wheel which can be run by a caster; The handle can sense the walking speed and direction according to the will of the user by transferring the force, and a sensor is installed on the handle for this purpose; In order to sense the tilt and shake of the user's body, the wireless terminal is hidden in the user's body. A first drive motor is mounted at the casters to drive the wheels. A second drive motor capable of driving the axial direction of the rotating main body is not provided on the casters of the main body; A first drive motor is mounted at the casters to drive the wheels. A second drive motor capable of driving the axial direction of the rotating main body is not provided on the casters of the main body; According to the advancing direction of the main body, a third driving motor is provided at the upper end of the main body; A signal is obtained from the F/T sensor and the wireless terminal, the first drive and the drive of the wheel are controlled by a stored program, and the first to third drive motors include at least two control units to provide a tactile response to a user.

Application area

Walking aids, robots, virtual reality IT fusion robots

Institution

Gyeongsang National University

联系我们

叶先生

电 话：021-65679356

手 机：13414935137

邮 箱：yeyingsheng@zf-ym.com