receiving the output signal generated by the orientation sensor of the shaving device;

detecting whether the shaving device is in the cleaning orientation based on the output signal of the orientation sensor; and

controlling the cleaning device to operate according to a predefined cleaning program when the orientation sensed by the orientation sensor corresponds to said predefined cleaning orientation.

Controlling the cleaning device for example comprises:

mechanically connecting a drive coupling of the shaving device to a driven coupling of the cleaning device;

driving the drive coupling by means of the motor of the shaving device; and

controlling the motor such that the motor drives the cleaning device to operate according to the predefined cleaning program.

The method may be implemented at least in part in a computer program comprising computer program code means which is adapted, when said program is run on the processing unit of the shaving system according to the invention, to implement the method according to the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

These and other aspects of the invention will be apparent from and elucidated with reference to the embodiment(s) described hereinafter. In the following drawings

Fig. 1 shows a perspective view of a shaving system according to the invention, wherein a shaving device with an orientation sensor is placed on a support structure of a respective cleaning device;

Fig. 2 shows an enlarged perspective view of the cleaning device of the shaving system of Fig. 1 without the shaving device;

Fig. 3 shows a cross-section of the cleaning device of Fig. 2, wherein in addition the shaving unit of the shaving device is shown in a docked cleaning position within the cleaning device;

Fig. 4 shows the cross-sectional view according to Fig. 3, but without the shaving unit of the shaving device;

Fig. 5 shows an enlarged cross-section of the shaving unit together with an associated electric actuator (motor) and a first drive unit of the shaving device of Fig. 1;

Fig. 6 shows an enlarged top view of the shaving unit of the shaving device of Fig. 1 with three hair-cutting units in a first configuration with a centrally arranged drive coupling;