Abstract

The invention relates to a floor cleaning system comprising a self-propelled and self-steering floor cleaning apparatus (10), at least one controllable display unit (48), and at least one storage unit (40; 100), wherein the floor cleaning apparatus (10) comprises a running gear (18) for traveling on a floor surface (14), a control unit (20), a sensor unit (38), at least one cleaning unit (22), and an operating unit (44), wherein an environment is detectable by means of the sensor unit (38) in order to locate and/or navigate the floor cleaning apparatus (10), in particular during movement, wherein cleaning paths (68) for the floor cleaning apparatus (10) are stored in the at least one storage unit (40) with respective information about a route and preferably the use of at least one cleaning unit (22), wherein a cleaning task is specifiable by a user (70) on the operating unit (44) by linking two or more cleaning paths (68) to be processed successively, and the cleaning task is automatically processable by the floor cleaning apparatus (10), wherein at least one characteristic landmark (64) that is detectable by means of the sensor unit (38) is stored in the storage unit (40) and is associated with two or more cleaning paths (68), wherein a start position and/or an end position of a respective cleaning path (68) is located on or at the landmark (64), and wherein a selection of the cleaning paths (68) associated with the respective landmark (64) is providable to the user (70) on the at least one display unit (48). The invention further relates to a floor cleaning apparatus and to a method for operating a floor cleaning system or a floor cleaning apparatus.

(Fig. 1)