

Title (en)

SENSOR DEVICE, IN ADDITION TO SELF-PROPELLED FLOOR CLEANING EQUIPMENT COMPRISING A SENSOR DEVICE

Title (de)

SENSORVORRICHTUNG SOWIE SELBSTFAHRENDES BODENREINIGUNGSGERÄT MIT EINER SENSORVORRICHTUNG

Title (fr)

DISPOSITIF DE CAPTEUR ET APPAREIL DE NETTOYAGE DE SOL AUTONOME AVEC UN DISPOSITIF DE CAPTEUR

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Application

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Abstract (en)

[origin: WO2004005956A1] The invention relates to a sensor device for a self-propelled floor cleaning device for recognising a sloping gradient. Said device comprises an emitter unit and a receiver unit for infra-red radiation and an electronic evaluation unit for evaluating the intensity of the received radiation. The aim of the invention is to improve the sensor device to such an extent that a sloping gradient or a steep drop in the floor area can be determined more reliably and that said device is cost-effective to produce. To achieve this, the sensor device comprises the receiver unit, in addition to a first and a second emitter unit, whereby said second emitter unit is located at a distance from a connecting straight line that runs through the receiver unit and the first emitter unit. The invention also relates to floor cleaning equipment comprising a sensor device of this type.

IPC 1-7

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IPC 8 full level

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