Title (en)
FLOOR-PROCESSING DEVICE AND METHOD FOR TREATING AN AREA OF A FLOOR HAVING BASIC PATTERNS

Title (de)
BODENBEARBEITUNGSGERÄT SOWIE VERFAHREN ZUR BEARBEITUNG EINER GRUNDMUSTER AUFWEISENDEN BODENFLÄCHE

Title (fr)
APPAREIL DE TRAITEMENT DE SURFACE AINSI QUE PROCÉDÉ DE TRAITEMENT D'UN SOL PRÉSENTANT UN MOTIF

Publication
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Application
EP 11720510 A 20110519

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Abstract (en)
[origin: WO2011144710A1] The invention relates to a method for treating a floor area by means of a floor-treating device having a floor-treating unit and at least one detection unit, wherein the floor-treating device is moved over the floor area, the at least one detection unit is used to create images of the floor area at successive times, and the floor-treating device generates a map of the floor area using the images. In order to provide such a method in which a map of the floor area is generated, with relatively little outlay on apparatus and relatively little computational complexity, as a basis for the treatment thereof which is as extensive as possible, it is proposed that the images are examined by the floor-treating device in order to determine whether the floor area has a regularly repeating basic pattern, the floor-treating device identifies a floor area segment having the basic pattern as a floor area segment to be treated, and a region associated with this floor area segment is stored in the map for each floor area segment to be treated. The invention also relates to a floor-treating device for carrying out the method.

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