

Title (en)
CLEANING MECHANISM AND CLEANING ROBOT

Title (de)
REINIGUNGSMECHANISMUS UND REINIGUNGSROBOTER

Title (fr)
MÉCANISME DE NETTOYAGE ET ROBOT DE NETTOYAGE

Publication
EP 3838098 A4 20210908 (EN)

Application
EP 18930738 A 20180821

Priority
CN 2018101601 W 20180821

Abstract (en)
[origin: EP3838098A1] A sweeping mechanism comprises an air duct suction opening (12) formed in the bottom (11) of a shell (1) and at least one sweeping brush (15) which is independently arranged on the bottom (11) of the shell (1) and is separated from the air duct suction opening (12), and each of the at least one sweeping brush (15) is driven to move back and forth. Each of the at least one sweeping brush (15) is driven to move back and forth integrally close to and far away from the air duct suction opening (12). Each of the at least one sweeping brush (15) is driven to move back and forth in the axis direction (A1, A2) of the sweeping brush or in the direction (B1, B2) perpendicular to the axis of the sweeping brush. The invention further provides a sweeping robot. The sweeping mechanism and the sweeping robot can effectively solve the problems of dust suction blockage and the like caused by winding due to the fact that the rolling main brush (108) is arranged in the air suction opening (107), and the dust suction efficiency and effect are effectively improved.

IPC 8 full level
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Citation (search report)

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Designated contracting state (EPC)
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DOCDB simple family (application)
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