

Title (en)  
AIR DUCT STRUCTURE AND SURFACE CLEANING DEVICE HAVING SAME

Title (de)  
LUFTKANALSTRUKTUR UND OBERFLÄCHENREINIGUNGSVORRICHTUNG DAMIT

Title (fr)  
STRUCTURE DE CANALISATION D'AIR ET DISPOSITIF DE NETTOYAGE DE SURFACE COMPRENANT CETTE DERNIÈRE

Publication  
**EP 3207845 A1 20170823 (EN)**

Application  
**EP 15851574 A 20150728**

Priority  
• CN 201410538600 A 20141013  
• CN 201420589928 U 20141013  
• CN 2015085299 W 20150728

Abstract (en)  
Disclosed are an air passage structure and a surface cleaning device (300) having same. The air passage structure includes an electric motor accommodating chamber (110) and an inner cover (120). The inner cover (120) is provided in the electric motor accommodating chamber (110) and is provided with an inner cover air inlet part (121) and an inner cover air outlet part (122). An accommodating chamber air inlet part (111) is in communication with the inner cover air inlet part (121) via an air inlet passage (124). The electric motor accommodating chamber (110) is provided with a partition member (140) therein. The partition member (140) is provided between the inner cover (120) and an accommodating chamber air outlet part (112) so as to divide the electric motor accommodating chamber (110) into a first air passage cavity (141) and a second air passage cavity (142). The inner cover (120) is accommodated in the first air passage cavity (141). The first air passage cavity (141) is in communication with the second air passage cavity (142) at an outer wall of the air inlet passage (124).

IPC 8 full level  
**A47L 9/00** (2006.01)

CPC (source: EP)  
**A47L 9/00** (2013.01); **A47L 9/0081** (2013.01); **A47L 9/02** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3207845 A1 20170823**; **EP 3207845 A4 20180627**; **EP 3207845 B1 20190904**; WO 2016058434 A1 20160421

DOCDB simple family (application)  
**EP 15851574 A 20150728**; CN 2015085299 W 20150728