

Title (en)
AIR PURIFIER

Title (de)
LUFTREINIGER

Title (fr)
PURIFICATEUR D'AIR

Publication
EP 3913291 A1 20211124 (EN)

Application
EP 21171308 A 20210429

Priority
KR 20200061550 A 20200522

Abstract (en)
The air purifier according to the present invention includes a housing; an air blowing unit for providing an air blowing force such that external air is introduced into the housing; a filter unit disposed inside the housing to filter the external air introduced into the housing to make filtered air; and a humidifying unit disposed inside the housing to humidify the filtered air passing through the filter unit, wherein the humidifying unit includes a water tank in which a mounting portion is formed, a humidifying member mounted on one side of the mounting portion to receive water from the water tank and supply moisture to the filtered air, and a water container mounted on the other side of the mounting portion to supply water to the water tank, wherein the water tank is formed detachably from an installation position inside the housing to the outside of the housing, and further includes a guide unit protruding upwardly around the other side of the mounting portion on which the water container is mounted, wherein the guide unit is pressed by the water container when the water container enters around the mounting portion while the water tank is deviated from the installation position by a predetermined range and is disposed inside the housing, and wherein the water tank is moved in the direction of the installation position by a pressing force provided by the guide unit, when the guide unit is pressed by the water container.

IPC 8 full level
F24F 6/04 (2006.01); **F24F 8/108** (2021.01)

CPC (source: EP KR)
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