

Title (en)
BLOWER DEVICE AND CLEANER

Title (de)
GEBLÄSEVORRICHTUNG UND REINIGER

Title (fr)
DISPOSITIF DE SOUFFLANTE ET DISPOSITIF DE NETTOYAGE

Publication
EP 3327294 A1 20180530 (EN)

Application
EP 16907284 A 20160630

Priority
JP 2016069386 W 20160630

Abstract (en)
A blower device that is installed in a cleaner includes an impeller that is rotatable around a rotary shaft as a center, the rotary shaft extending in an up-down direction; a motor that rotationally drives the impeller; a motor housing that accommodates the motor therein; a cylindrical member that is disposed outwardly of the motor housing in a radial direction; and an impeller case that accommodates the impeller. A gap is formed between an outer side surface of the motor housing and an inner side surface of the cylindrical member. A plurality of stationary blades are provided on one of side surfaces, that is, one of the outer side surface of the motor housing and the inner side surface of the cylindrical member, the plurality of stationary blades protruding towards the other side surface. At an outer portion of the motor housing in the radial direction, the plurality of stationary blades are disposed side by side in a circumferential direction, and form a plurality of air-current paths. At least one of the plurality of stationary blades includes a protrusion. The protrusion protrudes from a surface of the at least one of the plurality of stationary blades facing the radial direction and contacts the other side surface.

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CPC (source: EP US)
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