motor 322 therein. As a result, the conventional air blower has a drawback that air blower assembled body 300 cannot be formed in a compact shape.

Citation List

Patent Literature

PTL 1: Unexamined Japanese Patent Publication No. 2010-077969

PTL 2: Unexamined Japanese Patent Publication No. 2012-036897

SUMMARY OF THE INVENTION

An air blower according to the present invention, in a housing of the air blower, includes: a suction port through which air outside the housing is taken in; and a high pressure air generating portion which includes an impeller for turning the air into a high pressure air and a motor for driving the impeller. The housing also includes: an annular blowout port through which the high pressure air is blown out; a first air passage for guiding the high pressure air from the impeller to the blowout port; and a plurality of introduction air suction ports ~~through which the air is sucked as the air is introduced~~for sucking air drawn by the high pressure air blown out from the blowout port. The housing also includes: an introduction air mixing portion where the air sucked through the plurality of introduction air suction ports is mixed; an introduction air blowout port through which ~~introduced~~ drawn-in air in the introduction air mixing portion is blown out; and a second air passage which connects the introduction air suction ports, the introduction air mixing portion, and the introduction air blowout port to each other.

Such an air blower is configured to have the first air passage and the second air passage in the inside of the housing, hence the plurality of introduction air suction ports and the introduction air mixing portion can be arranged between the annular blowout port and the high pressure air