

Title (en)
IMPELLER AND CLEANER USING SAME

Title (de)
LAUFRAD UND REINIGER DAMIT

Title (fr)
ROUE À AUBES ET ASPIRATEUR AU MOYEN DE LADITE ROUE À AUBES

Publication
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Application
EP 22887320 A 20220831

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Abstract (en)
The disclosed impeller may be positioned in an air passage and suction and discharge air while rotating. The impeller may include a boss portion fixed to a shaft of a motor, a base portion which is connected to the boss portion and has a diameter that increases gradually from an intake side of the air passage toward a discharge side of the air passage, and a plurality of blades arranged radially on the base portion and configured to generate a suction force in the intake side of the air passage. Each of the plurality of blades may include a wind cutting edge that is close to the boss portion and a wind sending edge that is distant from the boss portion. The wind cutting edge may have a swept-back wing shape. A protruding end of the wind cutting edge may be positioned closer to the intake side than a proximal end of the wind cutting edge with respect to the air passage.

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