

Title (en)
BLOWER WHEEL

Title (de)
GEBLÄSERAD

Title (fr)
ROUE DE VENTILATEUR

Publication
EP 3273066 B1 20220615 (DE)

Application
EP 17180706 A 20170711

Priority
DE 102016113589 A 20160722

Abstract (en)
[origin: CN207178292U] The utility model relates to an impeller of fan has apron (2) and backup pad (3) and several and is in the apron (2) with the backup pad is followed between (3) impeller of fan blade (4) of impeller of fan's circumference distribution setting wherein are in on backup pad (3) be equipped with wheel hub (5) on the rotation axis of impeller of fan (1), and apron (2) has and centers on the axial entry(6) that the rotation axis extends, wherein impeller of fan blade (4) have blade section (7) that terminate in radial inboard respectively terminate in the blade section of radial inboard, vane edge(8) are the arc trend and along the axial extension extremely at least in part backup pad (3), wherein backup pad (3) form along radial vane edge overlay (9) of extending in the vane edge overlay, the axial leading edge of impeller of fan blade (4) paste lean on in backup pad (3), wherein the radial overall length of vane edge overlay (9) is less than each the radial overall length of impeller of fan blade (4).

IPC 8 full level
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CPC (source: EP)
F04D 29/281 (2013.01); **F04D 29/30** (2013.01); **F05D 2240/303** (2013.01)

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