

Title (en)
SPIRAL HOUSING FOR RADIAL FAN

Title (de)
SPIRALGEHÄUSE EINES RADIALVENTILATORS

Title (fr)
BOÎTIER EN SPIRALE D'UN VENTILATEUR RADIAL

Publication
EP 3527832 B1 20200603 (DE)

Application
EP 19168221 A 20160722

Priority
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Abstract (en)
[origin: CN205423324U] The utility model relates to a propeller cap of radial fan, the through -flow cross section that it had begins along the increase of circumference direction from the shell tongue, and centering on and to settle epaxial fan wheel in the axial, wherein, through -flow cross section is by the profile decision of at least one axial side edge branch of this propeller cap, wherein, the side edge branch has the axial admission mouth, this air inlet has the opening edge part section of surrounding it, see from radial direction, this opening edge part section is directly bordered on to transition portion section along the circumference direction is extended, and this duan zaicong of transition portion shell tongue to begin to extend in the originated portion section of a predetermined angle along the circumference orientation be spaced apart in the axial with opening edge part section, and this transition portion section has the messenger extend in the coplanar until the axial plane of opening edge part section with transition portion section along the curve of circumference orientation increase in through -flow cross section.

IPC 8 full level
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