

Title (en)

AXIAL FAN FOR AN AIR-COOLED COMBUSTION ENGINE

Publication

EP 0108922 B1 19861126 (DE)

Application

EP 83110032 A 19831007

Priority

- DE 3242185 A 19821115
- DE 3242186 A 19821115

Abstract (en)

[origin: EP0108922A1] 1. An axial fan for an air-cooled combustion engine, the fan comprising an air stator (3) and an impeller (2) for producing the cooling air current, the stator and impeller being aligned in tandem in a fan casing (5) of uniform external diameter in the region of the impeller, the casing being provided at its inlet with a rounded lead-in area (6) constituting an air baffle, characterized in that the stator (3), viewed in the direction of flow of the cooling air, is arranged axially upstream of the impeller (2), and in that the rounded lead-in area of the axial fan's (1) casing (5) is contracted in such a way that the fan casing's (5) outer contour of its entire lead-in area (6) is smaller than or equal to the fan casing's circumference in the region of the impeller.

IPC 1-7

F04D 29/52

IPC 8 full level

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CPC (source: EP)

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Cited by

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