

Title (en)

A FAN ASSEMBLY WITH ECCENTRIC ROTOR

Title (de)

GEBLÄSEANORDNUNG MIT EXZENTRISCHEM ROTOR

Title (fr)

ENSEMBLE DE SOUFFLANTE À ROTOR EXCENTRIQUE

Publication

EP 3415768 A1 20181219 (EN)

Application

EP 17175765 A 20170613

Priority

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Abstract (en)

The invention relates to a fan assembly (10). The fan assembly (10) comprises a volute casing (1) with a volute tongue (16); a rotor (2) mounted in the volute casing (1) and rotatable around a rotor axis (23); and a cover (3) fixed to the volute casing (1) and defining an inlet opening (31) therein. The rotor axis (23) is closer to the volute tongue (16) than an axis (311) of the inlet opening (31). The fan assembly (10) can provide higher air pressure and higher air flow under the same noise level, or provide lower noise under the same air flow and air pressure.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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