

Title (en)

Very noiseless motor driven centrifugal fan.

Title (de)

Sehr geräuscharmer, motorangetriebener Fliehkraftlüfter.

Title (fr)

Ventilateur centrifuge très silencieux entraîné par un moteur.

Publication

EP 0342484 A2 19891123 (EN)

Application

EP 89108330 A 19890509

Priority

IT 2059588 A 19880516

Abstract (en)

The motor driven centrifugal fan (10) according to the present invention has the inner surface (18) of the volute (12) and possibly also the inner surfaces of the sidewalls (13) laterally defining the volute which are roughened. The roughness can comprise projections or recesses of irregular shape, for example of orange-peel type, or of regular shape, for example regular polygons or circles which can be arranged along parallel lines which are or not offset from each other.

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F04D 29/66; F24F 13/24

IPC 8 full level

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CPC (source: EP)

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Cited by

US2015118054A1; CN107940585A; CN105115060A; DE102008027845A1; CN111089070A; CN104675752A; EP1378668A1; CN100416110C; US6935835B2; WO2017041727A1

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