

Title (en)

RADIAL FAN HOUSING AND RADIAL FAN

Title (de)

RADIALGEBLÄSEGEHÄUSE UND RADIALGEBLÄSE

Title (fr)

BOÎTIER DE VENTILATEUR RADIAL ET VENTILATEUR RADIAL

Publication

**EP 3486494 B1 20200617 (DE)**

Application

**EP 18190075 A 20180821**

Priority

DE 102017126912 A 20171115

Abstract (en)

[origin: CN207999390U] The utility model relates to a centrifugal fan shell (1) and one kind centrifugal fan (50), the centrifugal fan shell has: a shell (2) for first radial fan wheel (3) hold, with axially adjacent land adjacent in the 2nd shell (4) of a shell (2) for hold the radial fan wheel of second (5), wherein first with the 2nd shell (2, 4) are in fluid chamber (8, 9) that have the liftoff trend of branch in spiral district's section (6) of centrifugal fan shell (1), fluid chamber accesss to crisscrossly the edge circumference of centrifugal fan shell (1) keeps close watch over and is connected to with being close to aeration area section (7) in spiral district's section (6), wherein a shell (2) and the 2nd shell (4) are in carry out fluid coupling through at least one pressure balanced mouthful (10) inspiral district's section (6).

IPC 8 full level

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CPC (source: EP)

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