

Title (en)

FAN IMPELLER WITH INTEGRATED PRECIPITATION OF FAT PARTICLES, IN PARTICULAR FOR A COOKING DEVICE

Title (de)

LÜFTERRAD MIT INTEGRIERTER FETTABSCHEIDUNG, INSBESONDERE FÜR EIN GARGERÄT

Title (fr)

ROUE DE VENTILATEUR POURVUE D'UNE SEPARATION DE GRAISSE INTEGREE ET DESTINEE NOTAMMENT A UN APPAREIL DE CUISSON

Publication

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Application

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Priority

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- DE 10239246 A 20020822

Abstract (en)

[origin: WO2004020837A1] The invention relates to a fan impeller (4) comprising a base plate (2) and a plurality of fan impeller blades (3) that are fixed to said plate. The fan impeller blades (3) are positioned in an essentially vertical manner on the base plate (2) and have an essentially radial arrangement, each fan impeller blade (3) comprising a front edge (4) facing radially outwards that is essentially perpendicular to the base plate (2), a rear edge (5) facing radially inwards that is essentially perpendicular to the base plate, an exterior surface (6) located on the delivery side of the fan impeller and an interior surface located on the intake side of the fan impeller. At least one raised element (7) is mounted and/or configured on the exterior surface (6) of at least one section of the fan impeller blades, said element being positioned at a distance from the base plate (2) and extending essentially in a diagonal manner away from said base plate (2) from the front edge (4) to the rear edge (5) of the fan impeller blades (3). The invention also relates to an inventive fan impeller (1) in a cooking device and to a cooking device comprising at least one inventive fan impeller (1).

IPC 8 full level

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Citation (opposition)

Opponent :

DE 3814721 A1 19891109 - ASEA BROWN BOVERI [CH]

Cited by

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