

Title (en)
Radial fan for suction hood

Title (de)
Radiallüfterrad und Haushaltsgerät mit einem Radiallüfterrad

Title (fr)
Ventilateur centrifuge pour hottes

Publication
EP 2522858 B1 20201021 (DE)

Application
EP 12166751 A 20120504

Priority
DE 102011075628 A 20110511

Abstract (en)
[origin: EP2522858A2] The radial fan wheel comprises a main supply unit (8) and an additional supply unit (12), which has suction areas that are separated by a partition plate (2). The main supply unit supplies air radially outwards from the suction areas. The additional supply unit comprises fan blades (14). The fan blades of the additional supply unit generate an air flow along an axis of rotation (18) of the fan wheel. The fan blades of the additional supply unit are partly arranged in an opening (11) of the partition plate. An independent claim is included for a home appliance, particularly for a cooking appliance.

IPC 8 full level
F04D 17/02 (2006.01); **F04D 17/16** (2006.01); **F04D 29/28** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP)
F04D 17/025 (2013.01); **F04D 17/162** (2013.01); **F04D 29/281** (2013.01); **F04D 29/30** (2013.01)

Designated contracting state (EPC)
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EP 2522858 A2 20121114; **EP 2522858 A3 20170719**; **EP 2522858 B1 20201021**; DE 102011075628 A1 20121115

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