

Title (en)
FAN HEAD ASSEMBLY AND FAN

Title (de)
GEBLÄSEKOPFANORDNUNG UND GEBLÄSE

Title (fr)
ENSEMBLE TÊTE DE VENTILATEUR ET VENTILATEUR

Publication
EP 3650704 A4 20200722 (EN)

Application
EP 17918928 A 20170928

Priority
• CN 201710637449 A 20170728
• CN 2017103935 W 20170928

Abstract (en)
[origin: EP3650704A1] The present application is applicable to the field of household appliances, and discloses a fan head assembly and a fan. The fan head assembly includes an air outlet base; an air inlet base provided at one side of the air outlet base; and a rotation-swing mechanism, configured to drive the air outlet base to rotation-swing relative to the air inlet base. The rotation-swing mechanism includes a rotation-swing drive motor, mounted on the air inlet base; and a rotation-swing transmission pair, transmissively connecting the rotation-swing drive motor and the air outlet base. In the present application, the air outlet base is able to rotationally swing relative to the air inlet base, which breaks the conventional design idea that the air outlet base and the air inlet base in the existing fan are relatively fixed. Since the air outlet base is three-dimensionally swinging relative to the air inlet base, the product may work in a cool way, which solves the problem of serious homogeneity and no different selling points of existing fan products. At the same time, it effectively expands the air supply area and enables the rotational output of the wind direction, so that the output wind feeling is softer and more natural.

IPC 8 full level
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Citation (search report)
• [X] CN 206144830 U 20170503 - AIRMATE ELECTRICAL (SHENZHEN) CO LTD
• [A] JP H07243395 A 19950919 - SANYO ELECTRIC CO
• [A] JP 3145283 U 20081002
• [A] US 2011064577 A1 20110317 - YU STEVEN [US]
• See references of WO 2019019345A1

Designated contracting state (EPC)
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