

Title (en)

Fan housing for feeding air to a ventilation system

Title (de)

Lüftergehäuse zur Luftzuführung eines Ventilationssystems

Title (fr)

Boîtier d'un ventilateur pour l'alimentation en air d'un système de ventilation

Publication

EP 0837246 A3 19981118 (EN)

Application

EP 97850137 A 19971014

Priority

SE 9603762 A 19961015

Abstract (en)

[origin: EP0837246A2] The present invention relates to a fan housing for feeding air via an outlet (14) to a ventilation system. The fan housing comprises a radial impeller (16) rotatably mounted to a shaft which wheel has at least one centrally arranged inlet (17) and a number of impeller blades (18). Furthermore, there is a wall (20) being substantially parallel to the rotational axis which wall is curved with a monotonous increasing radius in relation to said shaft, between a first end edge (21) at a certain distance from said impeller and a second end edge (22) at a larger distance from said impeller. An imagined, straight line (23) between the two end edges (21, 22) extends through the impeller (16). <IMAGE>

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F04D 29/42; **F04D 29/66**

IPC 8 full level

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CPC (source: EP)

F04D 29/424 (2013.01); **F04D 29/664** (2013.01)

Citation (search report)

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