

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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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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