

Title (en)  
Radial fan.

Title (de)  
RADIALGEBLÄSE.

Title (fr)  
Ventilateur radial.

Publication  
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Application  
**EP 92903133 A 19920131**

Priority  
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Abstract (en)  
[origin: WO9215789A1] The invention concerns a radial-flow fan (1) with a rotor (11), a drive motor (13), a rotor shaft (12) and lubricated shaft bearings (14, 15). The drive motor (13) and shaft bearings (14, 15) are housed in a casing (3) which has a duct (19) through which the shaft passes as well as a connection point (21, 22) through which the interior (18) of the housing can be evacuated. In order in particular to extend the lifetime of such a fan, the invention proposes that the bearings (14, 15) are designed as ceramic bearings.

Abstract (fr)  
Soufflante radiale (1) comportant un rotor (11), un moteur de commande (13), un arbre de rotor (12), ainsi que des paliers d'arbre lubrifiés (14, 15), le moteur de commande (13) et les paliers d'arbre étant logés dans un carter (3) équipé d'un passage (19) pour l'arbre, ainsi que d'un raccordement (21, 22) pour l'évacuation de l'air de l'intérieur du carter (18); en particulier pour la prolongation de la durée de vie du dispositif, il est proposé de réaliser les paliers (14, 15) en céramique.

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