

Title (en)  
Fan rotor

Title (de)  
Lüfterrad

Title (fr)  
Roue ventilateur

Publication  
**EP 0964161 A3 20010404 (EN)**

Application  
**EP 99109194 A 19990510**

Priority  
IT TO980108 U 19980612

Abstract (en)  
[origin: EP0964161A2] A fan in plastic material of motor-driven fan for a motor vehicle cockpit comprising: a first cap-shaped portion (10), integral to a rotor (26) of an electric motor and provided with centred holes (8) for the passage of the shaft of the motor around which rotates the cap itself; a second portion in the shape of a fan wheel (11) which is integrally in rotation with the cap (10), and provided with a series of bladings (17) which are equally orientated and angularly distanced from each other on a circumferential extension; the fan is characterised by the fact that the cap (10) and the fan wheel (11) are two distinct elements provided with respective unmatchable snap coupling means (13, 23) to render them integral in rotation as a single body. <IMAGE>

IPC 1-7  
**F04D 29/28**; **F04D 29/62**

IPC 8 full level  
**F04D 29/28** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)  
**F04D 29/283** (2013.01); **F04D 29/626** (2013.01)

Citation (search report)  
• [X] DE 3039035 A1 19820429 - MULFINGEN ELEKTROBAU EBM [DE]  
• [A] FR 2604492 A1 19880401 - SUEDEDEUTSCHE KUEHLER BEHR [DE]  
• [A] EP 0666424 A1 19950809 - PAPST MOTOREN GMBH & CO KG [DE]  
• [A] EP 0705982 A2 19960410 - STORK J E VENTILATOREN BV [NL]

Cited by  
EP1251281A1; US2016281731A1; CN106015031A; EP4269808A1; US10465696B2; EP3073123B1

Designated contracting state (EPC)  
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