

Title (en)

Fan, particularly for air coolers, with fan guard

Title (de)

Ventilator, insbesondere von Luftkühlern, mit Berührungsschutz

Title (fr)

Ventilateur en particulier pour refroidisseurs d'air avec capot de ventilateur

Publication

EP 1367262 B1 20061102 (DE)

Application

EP 03009743 A 20030505

Priority

DE 20208250 U 20020527

Abstract (en)

[origin: EP1367262A2] A cooling air ventilator has a housing with an air inlet and an air outlet, and coolant tubes. The air inlet has a circular fixed array of guide vanes (3) on a base. The guide vane assembly is esp. located behind a detachable circular protective basket (4). The protective basket is clip-fitted to the guide vane assembly and secured with cable-ties. The cambered guide vanes minimise fan (2) vortices within the housing.

IPC 8 full level

F04D 29/70 (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP)

F04D 29/542 (2013.01); **F04D 29/703** (2013.01)

Cited by

EP3255281A1; US11067309B2; CN108708877A; WO2011101440A1; CN107477027A; US11255346B2; DE102016007205A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1367262 A2 20031203; EP 1367262 A3 20041013; EP 1367262 B1 20061102; AT E344392 T1 20061115; DE 20208250 U1 20031002; DE 50305542 D1 20061214; DK 1367262 T3 20070305

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