

Title (en)

Cooling device for a electrically driven centrifugal fan

Title (de)

Kühleinrichtung für ein elektromotorisch angetriebenes Radialgebläse

Title (fr)

Dispositif de refroidissement pour ventilateur avec moteur électrique

Publication

**EP 1703140 B1 20140507 (DE)**

Application

**EP 06004231 A 20060302**

Priority

DE 202005004274 U 20050314

Abstract (en)

[origin: US2006202572A1] A radial fan includes an integrated circuit which is conductively connected to a printed circuit board to control a motor. The flow of air provided by a cooling impeller is conveyed directly to the integrated circuit to cool the integrated circuit during operation of the radial fan.

IPC 8 full level

**F04D 29/58** (2006.01); **F04D 25/06** (2006.01)

CPC (source: EP US)

**F04D 25/0606** (2013.01 - EP US); **F04D 25/166** (2013.01 - EP US); **F04D 29/5813** (2013.01 - EP US)

Cited by

US9835265B2; US10503181B2; US9657946B2; US9683674B2; US10215291B2; US10697815B2; US9851103B2; US10851993B2; US9645584B2; US10203049B2; US10422531B2; US11421875B2; US9995486B2; US10024439B2; US10697632B2; US9846440B2; US10564062B2; US9841122B2; US11073281B2; US11837935B2; US11870316B2; US11876424B2; US11955863B2

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DOCDB simple family (publication)

**DE 202005004274 U1 20060727**; EP 1703140 A1 20060920; EP 1703140 B1 20140507; US 2006202572 A1 20060914; US 7453696 B2 20081118

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