

Title (en)  
Damped fan

Title (de)  
Gedämpfter Lüfter

Title (fr)  
Ventilateur amorti

Publication  
**EP 1617085 B2 20170111 (DE)**

Application  
**EP 05014242 A 20050630**

Priority  
DE 102004034472 A 20040715

Abstract (en)  
[origin: EP1617085A1] The axial fan (1) for the cooling of especially electrical and/or electronic components in a computer, has a fan housing (2) which in the axial direction has a rectangular cross section and fastening holes (3) in its four corners for fastening of the fan to a component to be cooled or to a housing containing such a component. At least one elastic damping element (9) is integrated into the fan and is installed in such a way that it is effective between the fan impeller (6) and fastening holes. A damping component may be provided in each corner of the housing, with the fastening hole provided inside the damping element. An independent claim is included for a computer, especially a PC, which incorporates the aforesaid cooling fan.

IPC 8 full level  
**F04D 29/66** (2006.01)

CPC (source: EP)  
**F04D 25/0613** (2013.01); **F04D 29/542** (2013.01); **F04D 29/668** (2013.01)

Citation (opposition)  
Opponent :

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- US 3926537 A 19751216 - PIPER JAMES
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- CN 2480899 Y 20020306 - DAZHONG COMPUTER CO LTD [CN]
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- CN 2625959 Y 20040714 - YEN SUN TECHNOLOGY CORP [CN]
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DOCDB simple family (publication)  
**EP 1617085 A1 20060118; EP 1617085 B1 20070411; EP 1617085 B2 20170111**; AT E359446 T1 20070515; DE 102004034472 A1 20060209; DE 502005000572 D1 20070524; ES 2285608 T3 20071116

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