

Title (en)  
Fluid coupling for vehicle fan

Title (de)  
Flüssigkeitsreibekupplung für einen Kraftfahrzeuglüfter

Title (fr)  
Accouplement à fluide pour ventilateur d' un véhicule

Publication  
**EP 1566547 A3 20120613 (DE)**

Application  
**EP 05002685 A 20050209**

Priority  
DE 102004008861 A 20040220

Abstract (en)  
[origin: EP1566547A2] The fluid coupling (1) is for a motor vehicle's fan which has a rotatably mounted shaft (15), a drive component (2) mounted and rotatably fixed on the shaft, a driven component (3) rotatably mounted on the shaft, and a coupling section between the driving and driven components and holding a viscous fluid. The fan, and especially the fan blades (5), are connected to the outer section of the driven component by a fastening element which consists at least partially of plastic or is plastic coated. Independent claims are also included for the following: (A) a device for the operating of a ventilation system for a motor vehicle including the aforesaid fluid coupling; and (B) a use for a fluid coupling which is to operate a ventilation system for a motor vehicle.

IPC 8 full level  
**F04D 25/02** (2006.01)

CPC (source: EP US)  
**F04D 25/022** (2013.01 - EP US)

Citation (search report)

- [X] US 6530748 B2 20030311 - LIGHT GERARD M [BR], et al
- [A] US 4633994 A 19870106 - LIGHT GERARD M [US]
- [A] GB 2087047 A 19820519 - SUEDEDEUTSCHE KUEHLER BEHR

Cited by  
CN114962487A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1566547 A2 20050824; EP 1566547 A3 20120613; EP 1566547 B1 20161214**; DE 102004008861 A1 20050908;  
US 2005189194 A1 20050901; US 7246691 B2 20070724

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**EP 05002685 A 20050209**; DE 102004008861 A 20040220; US 6168505 A 20050218