

Title (en)  
Fan assembly

Title (de)  
Lüftereinheit

Title (fr)  
Ensemble ventilateur

Publication  
**EP 1619394 A3 20111019 (EN)**

Application  
**EP 04106433 A 20041209**

Priority  
CN 200410070000 A 20040720

Abstract (en)  
[origin: EP1619394A2] The fan assembly (20) is applicable to a light source (L) that produces heat. The fan assembly (20) comprises a frame (21) and an impeller (24). The frame (21) comprises an opening (26), and a periphery of the opening (26) has a curved surface. The impeller (24) is disposed in the frame (21). When light emitted from the light source (L) enters the opening (26), the light is blocked from penetrating the opening by the curved surface.

IPC 8 full level  
**F04D 29/54** (2006.01); **F04D 25/08** (2006.01)

CPC (source: EP)  
**F04D 25/08** (2013.01); **F04D 29/545** (2013.01)

Citation (search report)

- [X] GB 2168756 A 19860625 - PAPST MOTOREN GMBH & CO KG
- [X] US 4365187 A 19821221 - MCDANIEL WHARTON, et al
- [X] US 2002003381 A1 20020110 - NELSON CHRISTOPHER A [US], et al

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EP3239533A1

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 1619394 A2 20060125; EP 1619394 A3 20111019; EP 1619394 B1 20130529**; CN 100398839 C 20080702; CN 1724876 A 20060125

DOCDB simple family (application)  
**EP 04106433 A 20041209**; CN 200410070000 A 20040720