

Title (en)  
SEAL OF A FAN ASSEMBLY

Title (de)  
DICHTUNG EINER GEBLÄSEANORDNUNG

Title (fr)  
JOINT D'ÉTANCHÉITÉ D'UN SYSTÈME DE SOUFFLANTE

Publication  
**EP 2513486 B1 20170517 (DE)**

Application  
**EP 10739587 A 20100729**

Priority  
• DE 102009058990 A 20091217  
• EP 2010061007 W 20100729

Abstract (en)  
[origin: WO2011072888A1] The invention relates to a fan assembly, comprising a motor (2) having a motor shaft (3), a fan wheel (4) that is arranged in a housing (5) and driven via the motor shaft, wherein the motor shaft and the fan wheel can be axially moved, and a seal assembly (1), wherein the housing comprises at least one passage that can be sealed by means of the seal assembly by an axial movement of the motor shaft and/or the fan wheel. The invention further relates to a method for checking the tightness of such a fan assembly, wherein the motor shaft and/or the fan wheel are brought into contact with the seal assembly by an axial movement and thus seal the passage for the motor shaft.

IPC 8 full level  
**F04D 25/06** (2006.01); **F04D 29/052** (2006.01); **F04D 29/14** (2006.01)

CPC (source: EP)  
**F04D 17/16** (2013.01); **F04D 25/0606** (2013.01); **F04D 25/08** (2013.01); **F04D 29/052** (2013.01); **F04D 29/083** (2013.01); **F04D 29/10** (2013.01); **F04D 29/143** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009058990 A1 20110622**; DE 202009019185 U1 20171201; EP 2513486 A1 20121024; EP 2513486 B1 20170517; WO 2011072888 A1 20110623

DOCDB simple family (application)  
**DE 102009058990 A 20091217**; DE 202009019185 U 20091217; EP 10739587 A 20100729; EP 2010061007 W 20100729