

Title (en)  
FAN

Title (de)  
VENTILATOR

Title (fr)  
VENTILATEUR

Publication  
**EP 2220376 A4 20160427 (EN)**

Application  
**EP 08848949 A 20081117**

Priority  

- KR 2008006768 W 20081117
- KR 20070117560 A 20071116
- KR 20070117561 A 20071116

Abstract (en)  
[origin: WO2009064148A2] Provided is a fan of a microwave oven. The fan, discharging air in two directions, cools a plurality of components. Thus, the components are cooled with more simple configuration.

IPC 8 full level  
**F04D 29/42** (2006.01)

CPC (source: EP US)  
**F04D 29/4246** (2013.01 - EP US)

Citation (search report)  

- [XA] US 4002109 A 19770111 - HORI MICHIMASA, et al
- [XA] JP 2003214398 A 20030730 - SHARP KK
- [X] FR 1495696 A 19670922 - ALEXANDER DUNN LTD
- [XY] GB 772888 A 19570417 - POUL RICHARD CHRISTENSEN, et al
- [YA] US 5092136 A 19920303 - KANG MONG S [KR]
- [A] US 6093096 A 20000725 - MIYATA MANABU [JP], et al

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

DOCDB simple family (publication)  
**WO 2009064148 A2 20090522; WO 2009064148 A3 20100715**; EP 2220376 A2 20100825; EP 2220376 A4 20160427;  
EP 2220376 B1 20170816; US 2011008161 A1 20110113

DOCDB simple family (application)  
**KR 2008006768 W 20081117**; EP 08848949 A 20081117; US 74318908 A 20081117