

Title (en)  
Supply air unit and method in ventilation

Title (de)  
Zuluftvorrichtung und Belüftungsverfahren

Title (fr)  
Unité d'alimentation en air et procédé de ventilation

Publication  
**EP 2333436 A3 20160727 (EN)**

Application  
**EP 10189926 A 20101104**

Priority  
FI 20096298 A 20091209

Abstract (en)  
[origin: EP2333436A2] The supply air unit (10) comprises at least one supply air chamber (11), at least one heat exchanger (17), and at least one mixing chamber (15a, 15b), in which a fresh airflow and a circulated airflow are mixed together to form a combined airflow. The supply air unit (10) also comprises a guiding arrangement, with the aid of which the combined airflow is guided from the outlet opening (25a, 25b) of said at least one mixing chamber (15a, 15b), either so that the entire combined airflow is guided downwards or so that the entire combined airflow is guided to the side or so that a part of the combined airflow is guided downwards and a part of the combined airflow is guided to the side.

IPC 8 full level  
**F24F 1/0047** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/01** (2006.01)

CPC (source: EP FI US)  
**F24F 1/0011** (2013.01 - EP FI); **F24F 1/0047** (2019.01 - EP FI US); **F24F 1/0063** (2019.01 - EP FI US); **F24F 1/01** (2013.01 - EP FI)

Citation (search report)

- [X] US 2002056545 A1 20020516 - HORTTANAINEN PEKKA [FI], et al
- [X] EP 0985890 A1 20000315 - DAIKIN IND LTD [JP]
- [A] EP 1130331 A2 20010905 - KRANTZ TKT GMBH [DE]
- [A] WO 0242691 A1 20020530 - HALTON OY [FI], et al

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GB2514510A; AU2013234030B2; EP3217106A1; US9920950B2; WO2013136177A3; JP2015513367A; TWI660146B

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 RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
**EP 2333436 A2 20110615; EP 2333436 A3 20160727**; FI 122965 B 20120914; FI 20096298 A0 20091209; FI 20096298 A 20110610

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**EP 10189926 A 20101104**; FI 20096298 A 20091209