

Title (en)

Air outlet for ceilings

Title (de)

Deckenluftauslass

Title (fr)

Dispositif de sortie d'air pour les plafonds

Publication

EP 1496318 B1 20090121 (DE)

Application

EP 04014766 A 20040624

Priority

DE 10330340 A 20030705

Abstract (en)

[origin: EP1496318A2] A ceiling mounted ventilator for an air conditioning system has an outer ring shaped duct (2) with fixed vanes (5) to spread the air flow laterally over the room. A central duct (4), e.g. for warm air, is fitted with control flaps (10) tilting about axes transverse to the flow direction. The flaps can be set to operate automatically via temperature control elements. Warm air is ducted directly downwards, for maximum comfort, while cool air is spread over the top of the room without detected draughts.

IPC 8 full level

F24F 13/06 (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP)

F24F 13/06 (2013.01)

Cited by

CN115122877A; US2007060035A1; US9296277B2; US2022042713A1; US12018856B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1496318 A2 20050112; EP 1496318 A3 20050720; EP 1496318 B1 20090121; AT E421665 T1 20090215; DE 10330340 A1 20050217; DE 502004008896 D1 20090312; SI 1496318 T1 20100129

DOCDB simple family (application)

EP 04014766 A 20040624; AT 04014766 T 20040624; DE 10330340 A 20030705; DE 502004008896 T 20040624; SI 200431090 T 20040624