

Title (en)

Cross flow induction ceiling convector

Title (de)

Querstrom-Induktionsdeckenkonvektor

Title (fr)

Convecteur de plafond par induction de courant croisé

Publication

EP 2169322 B1 20170607 (EN)

Application

EP 09171084 A 20090923

Priority

NL 2002015 A 20080924

Abstract (en)

[origin: EP2169322A1] The present invention concerns a ceiling convector (1) which is used as an internal unit of an air conditioning system and is suitable for delivering cooled or heated air. More in particular, the ceiling convector of the present invention uses the cross flow induction principle wherein at least two primary air flows (13) are directed towards each other or cross each other as a result of which an increased secondary air flow (15) is created by induction which is conducted from the room along a heat exchanger (9) and is mixed with the primary air flows.

IPC 8 full level

F24F 1/01 (2011.01); **F24F 13/26** (2006.01)

CPC (source: EP)

F24F 1/01 (2013.01); **F24F 2013/0616** (2013.01); **F24F 2221/14** (2013.01)

Cited by

EP2535649A3; GB2491039B; WO2012148339A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2169322 A1 20100331; EP 2169322 B1 20170607; DK 2169322 T3 20170828; ES 2637190 T3 20171011; NL 2002015 C 20100325

DOCDB simple family (application)

EP 09171084 A 20090923; DK 09171084 T 20090923; ES 09171084 T 20090923; NL 2002015 A 20080924