

Title (en)

VENTILATOR SYSTEM FOR RECIRCULATION OF AIR AND REGULATING INDOOR AIR TEMPERATURE

Title (de)

VENTILATORSYSTEM ZUR LUFTRÜCKFÜHRUNG UND ZUR REGULIERUNG DER INNENTEMPERATUR

Title (fr)

APPAREIL ET SYSTÈMES POUR RÉGULER LA TEMPÉRATURE DE L'AIR INTÉRIEUR

Publication

EP 2430372 A1 20120321 (EN)

Application

EP 10769193 A 20100503

Priority

- CA 2010000661 W 20100503
- US 17459709 P 20090501

Abstract (en)

[origin: WO2010124388A1] An air circulator for amplifying and manipulating high volumes of low velocity air in order to circulate and regulate indoor air temperature within a commercial or an industrial environment. The air circulator includes a housing and a support member. The housing has an airflow passageway with a bottom end defining an air intake and a top end defining an air outlet. The air circulator further includes a fan positioned within the airflow passageway of the housing substantially adjacent to the top end of the housing. The support member supports the housing so as to dispose the air intake above the ground. The fan and the air outlet are configured to discharge air having a significant vertical component and a significant lateral component.

IPC 8 full level

F24F 7/007 (2006.01); **F24F 1/02** (2011.01)

CPC (source: EP US)

F24F 7/065 (2013.01 - EP US); **F24F 8/108** (2021.01 - EP); **F24F 11/46** (2017.12 - EP US); **F24F 11/52** (2017.12 - EP US); **F24F 11/56** (2017.12 - EP US); **F24F 11/76** (2017.12 - EP US); **F24F 11/77** (2017.12 - EP US); **F24F 11/88** (2017.12 - EP US); **F24F 8/108** (2021.01 - US); **F24F 11/30** (2017.12 - EP US); **F24F 2110/10** (2017.12 - EP US); **F24F 2221/125** (2013.01 - EP US); **Y02A 50/20** (2017.12 - US)

Citation (search report)

See references of WO 2010124388A1

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)

WO 2010124388 A1 20101104; EP 2430372 A1 20120321; US 2012052786 A1 20120301

DOCDB simple family (application)

CA 2010000661 W 20100503; EP 10769193 A 20100503; US 201013318410 A 20100503