

Title (en)
Variable ventilation method and system

Title (de)
Variables Belüftungsverfahren und -system

Title (fr)
Procédé et système de ventilation variable

Publication
EP 2292981 B1 20151223 (EN)

Application
EP 10009338 A 20100908

Priority
US 24047209 P 20090908

Abstract (en)
[origin: EP2292981A2] A system and method for providing variable ventilation for a cooking environment. The system includes a plurality of cooking appliances, wherein each appliance has various operating parameters indicative of a cooking level of each appliance; a cooking event monitor operably connected to each of the cooking appliances and configured to: (1) determine a level of ventilation for each of the plurality of appliances based upon the cooking level of each appliance, (2) determine a control signal based upon the determined level of ventilation, and (3) transmit the control signal; a motor speed controller operably connected to the cooking event monitor and configured to receive the control signal; and at least one exhaust fan operably connected to the motor speed controller, wherein the motor speed controller adjusts a speed of the exhaust fan based upon the control signal.

IPC 8 full level
F24C 15/20 (2006.01); **F24F 11/00** (2006.01)

CPC (source: EP US)
F24C 15/20 (2013.01 - EP US); **F24F 11/0001** (2013.01 - EP US)

Citation (examination)
US 5139009 A 19920818 - WALSH LEO B [US]

Cited by
CN106402009A; EP3378028A4; CN107835963A; US11751712B2; US11213158B2; US10692394B2; WO2017005531A1; US10767873B2; WO2017087329A1; US10444723B2; US11759042B2

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)
EP 2292981 A2 20110309; EP 2292981 A3 20120627; EP 2292981 B1 20151223; US 2011056479 A1 20110310

DOCDB simple family (application)
EP 10009338 A 20100908; US 87781410 A 20100908