

Title (en)
DISCHARGE SYSTEM AND METHODS

Title (de)
ENTLADUNGSSYSTEM UND -VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉS D'ÉVACUATION

Publication
EP 3513129 A1 20190724 (EN)

Application
EP 17851464 A 20170913

Priority
• US 201662394075 P 20160913
• US 2017051386 W 20170913

Abstract (en)
[origin: US2018073763A1] Different examples of discharge systems and the method of operation thereof are disclosed. In an example, a discharge system can have an intake passage fluidly coupled to a venting system and to an intake plenum. The system can also include an air mover coupled to the intake plenum, the air mover being positioned within a housing and coupled to a motor configured to drive the air mover at varying speeds. The discharge system can have a plurality of exhaust passages, which each can include a movable damper. Further, one or more sensors can be part of the system. A controller can be coupled to the one or more sensors and, in response to readings from the one or more sensors, the system can change air speed and/or dampers position to ensure proper air flow and exhaust conditions.

IPC 8 full level
F24F 11/00 (2018.01); **F24F 7/06** (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP US)
F24F 7/007 (2013.01 - EP US); **F24F 11/74** (2017.12 - EP US); **F24F 11/77** (2017.12 - EP US); **B08B 15/00** (2013.01 - EP);
F24F 2007/001 (2013.01 - EP US); **F24F 2110/30** (2017.12 - EP US); **F24F 2110/40** (2017.12 - EP US); **Y02B 30/70** (2013.01 - EP)

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)
BA ME

DOCDB simple family (publication)
US 2018073763 A1 20180315; CN 109844417 A 20190604; EP 3513129 A1 20190724; EP 3513129 A4 20200527;
WO 2018053016 A1 20180322

DOCDB simple family (application)
US 201715703743 A 20170913; CN 201780065753 A 20170913; EP 17851464 A 20170913; US 2017051386 W 20170913