

Title (en)  
Extractor with improved suction intake

Title (de)  
Abzug mit verbesserter Einsaugung

Title (fr)  
Hotte avec aspiration améliorée

Publication  
**EP 2629024 B1 20200826 (DE)**

Application  
**EP 13154659 A 20130208**

Priority  
DE 102012002804 A 20120215

Abstract (en)  
[origin: EP2629024A2] The flue (10) has an inflow port (18) for suctioning air, and an exhaust device (19) generating air barrier extending in environment space. The exhaust device is arranged above, below and/or laterally adjacent to the inflow port, and a ventilation device i.e. ventilator, is provided for suction and/or acceleration of air e.g. ambient air or supply air, from a supply air device. A heating device heats air provided to the exhaust device, and arranged between the ventilation device and the exhaust device. A control device controls the exhaust device, ventilation device and/or the heating device. An independent claim is also included for a method for suction of gaseous medium with a flue.

IPC 8 full level  
**B08B 15/02** (2006.01); **F24F 9/00** (2006.01)

CPC (source: EP US)  
**B01L 1/00** (2013.01 - EP US); **B08B 15/023** (2013.01 - EP); **F24F 9/00** (2013.01 - EP US); **B01L 2200/082** (2013.01 - EP)

Cited by  
CN114453375A

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

DOCDB simple family (publication)  
**EP 2629024 A2 20130821; EP 2629024 A3 20170111; EP 2629024 B1 20200826; DE 102012002804 A1 20130822**

DOCDB simple family (application)  
**EP 13154659 A 20130208; DE 102012002804 A 20120215**