

Title (en)
Extractor with improved suction intake

Title (de)
Abzug mit verbesserter Einsaugung

Title (fr)
Hotte avec aspiration améliorée

Publication
EP 2629024 A3 20170111 (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
F24F 9/00 (2006.01); **B08B 15/02** (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)

Citation (search report)

- [X] US 6450879 B1 20020917 - SUEN YEONG-NIAN [TW]
- [X] JP 2009139067 A 20090625 - TOTO LTD
- [X] US 2011028079 A1 20110203 - DIETER TIMO [DE], et al
- [X] US 4467782 A 19840828 - RUSSELL ROBERT E [US]

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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

Designated extension state (EPC)
BA ME

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