

Title (en)
ROTARY AIR CURTAIN GENERATING DEVICE USED IN A FUME PURIFICATION DEVICE, AND RANGE HOOD COMPRISING SUCH DEVICE

Title (de)
ROTIERENDE LUFTVORHANGERZEUGENDE VORRICHTUNG IN EINER RAUCHGASREINIGUNGSVORRICHTUNG UND
DUNSTABZUGSHAUBE MIT SOLCH EINER VORRICHTUNG

Title (fr)
DISPOSITIF DE PRODUCTION DE RIDEAU D'AIR ROTATIF UTILISÉ DANS UN DISPOSITIF DE PURIFICATION DE FUMÉES, ET HOTTE DE
CUISSINE COMPRENANT UN TEL DISPOSITIF

Publication
EP 2839217 A1 20150225 (EN)

Application
EP 13720276 A 20130411

Priority
• CN 201210122092 A 20120420
• EP 2013057525 W 20130411

Abstract (en)
[origin: WO2013156372A1] The present invention provides a rotary air curtain generating device (1) used in a fume purification device, where the rotary air curtain generating device (1) is used to generate a rotary air curtain surrounding a fume path and/or a fume source. In this way, in one aspect, fume dissipation can be remarkably reduced due to existence of the air curtain; and in another aspect, as the air curtain is rotary, fume suction of the fume purification device can be further enhanced.

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP)
F24C 15/20 (2013.01); **F24C 15/2028** (2013.01)

Citation (search report)
See references of WO 2013156372A1

Citation (examination)
• EP 2402673 A1 20120104 - GTEC [KR]
• KR 101170160 B1 20120731 - LEE IL RAN [KR], et al

Cited by
CN115046260A

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)
WO 2013156372 A1 20131024; CN 103375831 A 20131030; EP 2839217 A1 20150225

DOCDB simple family (application)
EP 2013057525 W 20130411; CN 201210122092 A 20120420; EP 13720276 A 20130411