

Title (en)

Pollutant removing device and dual-air curtain range hood using the device

Title (de)

Schadstoffentfernungsvorrichtung und Dualluft-Vorhangsbereichkappe mit der Vorrichtung

Title (fr)

Dispositif de suppression de polluants et hotte à rideau double utilisant le dispositif

Publication

EP 2138771 B1 20100728 (EN)

Application

EP 08011662 A 20080627

Priority

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Abstract (en)

[origin: EP2138771A1] A pollutant removing device includes first and second air blow devices respectively located at front and rear ends of a pollutant generation source or an oven and respectively including a first elongate air blow slot and a second elongate air blow slot so as to blow air upward. A suction device is located above a counter top to which the pollutant generation source or the oven is installed. The suction device includes at least one elongate suction opening which is connected with a suction machine. The at least one elongate suction opening is parallel to the first and the second elongate air blow slots. Two air curtains are formed between the at least one elongate suction opening and the first and second elongate air blow slots. The gas, vapor, or particulate type pollutants located between the two air curtains is sucked via the at least one elongate suction opening.

IPC 8 full level

F24C 15/20 (2006.01); **F24F 9/00** (2006.01)

CPC (source: EP)

F24C 15/2028 (2013.01); **F24F 9/00** (2013.01)

Cited by

JP2021167692A; CN103411779A; CN110631069A; WO2019239421A1; WO2024105630A1

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