

Title (en)

LATERAL AERATOR AND VENTILATION DUCT PROVIDED WITH AT LEAST ONE SUCH AERATOR

Title (de)

SEITLICHER BELÜFTER UND BELÜFTUNGSKANAL MIT ZUMINDEST EINEM SOLCHEN BELÜFTER

Title (fr)

BOUCHE DE SOUFFLAGE LATERAL ET GAINE AERAIQUE MUNIE D'AU MOINS UNE TELLE BOUCHE DE SOUFFLAGE

Publication

EP 3234473 B1 20190306 (FR)

Application

EP 15830812 A 20151217

Priority

- FR 1402938 A 20141219
- FR 2015053606 W 20151217

Abstract (en)

[origin: WO2016097639A1] The invention concerns a lateral aerator (2) for a ventilation duct (1), comprising blowing openings (5, 5') each formed by a slot (3, 3') and a fin (4, 4') having a guiding face (4a, 4'a). According to the invention: a central axis (DTH) of each guiding face (4a, 4'a) is inclined in an upstream direction, the central axis (DTH) of the guiding face (4a, 4'a) of each of the first and last fins (4, 4') is inclined at an angle of between 10° and 35° and between 60° and 85°, the angle of inclination of the central axes (DTH) of the guiding faces (4a, 4'a) of the second fin to the penultimate fin (4; 14) increases gradually, and the width of the guiding face (4a, 4'a) of each of the second to the last fins (4'; 14') is greater than or equal to that of the fin (4; 14) immediately upstream.

IPC 8 full level

F24F 13/02 (2006.01); **F24F 13/06** (2006.01); **F24F 13/08** (2006.01)

CPC (source: EP IL)

F24F 13/02 (2013.01 - EP IL); **F24F 13/06** (2013.01 - EP IL); **F24F 13/082** (2013.01 - EP IL); **F24F 2013/0608** (2013.01 - EP IL)

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)

WO 2016097639 A1 20160623; EP 3234473 A1 20171025; EP 3234473 B1 20190306; FR 3030698 A1 20160624; FR 3030698 B1 20161230; IL 252872 A0 20170831; IL 252872 B 20210325

DOCDB simple family (application)

FR 2015053606 W 20151217; EP 15830812 A 20151217; FR 1402938 A 20141219; IL 25287217 A 20170613