

Title (en)  
Low-noise exhaust gas expulsion assembly

Title (de)  
Geräuscharme Abluftausblasanordnung

Title (fr)  
Agencement silencieux de soufflage d'air évacué

Publication  
**EP 2510854 B2 20220907 (DE)**

Application  
**EP 12163370 A 20120405**

Priority  
DE 102011007204 A 20110412

Abstract (en)  
[origin: EP2510854A2] The exhaust air stream blowing arrangement (10a, 10b, 10c) has an air-permeable and noise-absorbing foam filter (12) in which the exhaust air flow (11) at the upstream side (13) coincides with a main flow direction in the foam filter. An impermeable baffle (15) arranged on a downstream side (14) of the foam filter deflects the air flow in the foam filter out of main flow direction. An independent claim is included for method for blowing exhaust air stream.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 9/12** (2006.01); **F24F 7/007** (2006.01)

CPC (source: EP)  
**A47L 9/0081** (2013.01); **A47L 9/122** (2013.01); **F24F 13/085** (2013.01); **F24F 2013/242** (2013.01)

Citation (opposition)  
Opponent :

- US 4533370 A 19850806 - IKEZAKI KATSUJI [JP], et al
- JP H03272721 A 19911204 - MATSUSHITA ELECTRIC IND CO LTD
- US 2010242421 A1 20100930 - CONRAD WAYNE ERNEST [CA], et al
- EP 1048259 A1 20001102 - ORBAN PIERRE [FR]
- JP H04285518 A 19921009 - TOKYO ELECTRIC CO LTD
- US 2005050674 A1 20050310 - PARK JUNG-SEON [KR]
- JP H07124081 A 19950516 - MATSUSHITA ELECTRIC IND CO LTD
- US 2008010958 A1 20080117 - FESTER JOSEPH A [US], et al
- JP 2009045317 A 20090305 - MITSUBISHI ELECTRIC CORP, et al
- WO 2005051155 A1 20050609 - ELECTROLUX AB [SE], et al

Cited by  
EP3194856A4

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)  
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