

Title (en)
Oil Mist Separator

Title (de)
Ölnebelabscheider

Title (fr)
Séparateur de bruite d'huile

Publication
EP 2336510 A1 20110622 (EN)

Application
EP 10163992 A 20100527

Priority
JP 2009284631 A 20091216

Abstract (en)
An oil mist separator including a tubular volume chamber into which a gas is introduced, a tubular valve body that is so disposed as to slidably move relative to one axial end portion of the volume chamber, a plurality of communication passages defined by the one axial end portion of the volume chamber and the valve body, and an impact wall disposed in an opposed relation to the communication passages such that the gas flowed out through the communication passages is impacted against the impact wall, wherein the communication passages are configured such that as the pressure of the gas flowing into the volume chamber is increased, a sectional area of each of the communication passages becomes larger.

IPC 8 full level
F01M 13/04 (2006.01)

CPC (source: EP)
F01M 13/04 (2013.01); **F01M 2013/0433** (2013.01)

Citation (applicant)
JP 2009522486 A 20090611

Citation (search report)
• [A] DE 102007062098 A1 20090625 - MAHLE INT GMBH [DE]
• [A] US 2006249128 A1 20061109 - SHIEH TENG-HUA [US]
• [A] US 2009193770 A1 20090806 - HOLZMANN MARK V [US], et al
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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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2336510 A1 20110622; JP 2011127458 A 20110630; JP 5475424 B2 20140416

DOCDB simple family (application)
EP 10163992 A 20100527; JP 2009284631 A 20091216