

Title (en)

AIR INTAKE DEVICE OF INTERNAL COMBUSTION ENGINE

Title (de)

LUFTEINLASSVORRICHTUNG FÜR VERBRENNUNGSMOTOR

Title (fr)

DISPOSITIF D'ADMISSION D'AIR POUR MOTEUR À COMBUSTION INTERNE

Publication

EP 3171014 A3 20170726 (EN)

Application

EP 16196610 A 20161031

Priority

- JP 2015213401 A 20151029
- JP 2015213402 A 20151029

Abstract (en)

[origin: EP3171014A2] An air intake device of an internal combustion engine includes: a first resonator and a second resonator which have a first volume chamber and a second volume chamber, respectively, the first and second volume chambers communicating with an intake air flow passage feeding air to the internal combustion engine; and a first member, a second member and a third member which form the first resonator and the second resonator. The first resonator is formed by the first member and the second member; and the second resonator is formed by the second member and the third member.

IPC 8 full level

F02M 35/12 (2006.01)

CPC (source: EP)

F02M 35/1266 (2013.01); **F02M 35/1283** (2013.01); **F02M 35/1288** (2013.01)

Citation (search report)

- [XY] US 4874062 A 19891017 - YANAGIDA KOUICHI [JP], et al
- [Y] US 6105547 A 20000822 - SAKAMOTO KAZUYA [JP], et al
- [E] EP 3112654 A1 20170104 - MANN & HUMMEL GMBH [DE]
- [A] BE 643017 A 19640515

Cited by

US10655578B2; CN113047992A

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)

EP 3171014 A2 20170524; EP 3171014 A3 20170726; EP 3171014 B1 20181205

DOCDB simple family (application)

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