

Title (en)

Air cleaner apparatus and straddle-type vehicle equipped with the apparatus

Title (de)

Luftreinigungsvorrichtung und Sattelfahrzeug mit der Vorrichtung

Title (fr)

Appareil épurateur d'air et véhicule de type à califourchon équipé de l'appareil

Publication

EP 2610476 A3 20160120 (EN)

Application

EP 12189795 A 20121024

Priority

JP 2011289098 A 20111228

Abstract (en)

[origin: EP2610476A2] An air cleaner apparatus (102) has an air cleaner case (105), a main filter element (170) dividing an interior of the air cleaner case (105) into a first chamber (115) and a second chamber (145), an intake passage (130) for sucking air outside the air cleaner case (105) into the first chamber (115), a discharge passage (148) for discharging the air within the second chamber (145) out of the air cleaner case (105), and a pre-filter element (138) including a wet-type element disposed in the first chamber (115). The intake passage (130) has an air outlet port (132) for blowing off air into the first chamber (115). The pre-filter element (138) is disposed spaced apart from the air outlet port (132) so as to be positioned on the axis line of the air outlet port (132).

IPC 8 full level

F02M 35/024 (2006.01); **F02M 35/026** (2006.01); **F02M 35/16** (2006.01)

CPC (source: EP)

F02M 35/0216 (2013.01); **F02M 35/02491** (2013.01); **F02M 35/026** (2013.01); **F02M 35/048** (2013.01); **F02M 35/162** (2013.01)

Citation (search report)

- [XY] FR 2862576 A1 20050527 - MANN & HUMMEL GMBH [DE]
- [YA] US 2006065457 A1 20060330 - MIYABE TOSHIMASA [JP], et al
- [X] US 1926433 A 19330912 - JOHN CARTMELL
- [A] JP 2011058455 A 20110324 - HONDA MOTOR CO LTD

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

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DOCDB simple family (application)

EP 12189795 A 20121024; CN 201210427638 A 20121031; IN 1020KO2012 A 20120905; JP 2011289098 A 20111228