

Title (en)

Air supply unit for an air filter body

Title (de)

Luftanschlusseinheit für ein Luftfiltergehäuse

Title (fr)

Unité de connexion d'air pour un boîtier de filtre à air

Publication

**EP 1835166 A2 20070919 (DE)**

Application

**EP 07101376 A 20070130**

Priority

DE 102006012592 A 20060316

Abstract (en)

The air connection unit (10) for an air filter housing useful in internal combustion engine, comprises a connecting piece (11), in which a maintenance rate display or maintenance switch connection (12) is integrated and which is revolvably stored in a recess in the air filter housing. The connecting piece is connected to airline element, which is formed as a corrugated pipe (14) over a part of its length and ends in a connecting collar (15). An angle section having 30-40[deg], is formed as corrugated pipe and encloses the airline element in the force-free condition. The air connection unit (10) for an air filter housing useful in internal combustion engine, comprises a connecting piece (11), in which a maintenance rate display or maintenance switch connection (12) is integrated and which is revolvably stored in a recess in the air filter housing. The connecting piece is connected to airline element, which is formed as a corrugated pipe (14) over a part of its length and ends in a connecting collar (15). An angle section having 30-40[deg], is formed as corrugated pipe and encloses the airline element in the force-free condition. The airline element is formed as corrugated pipe in two angle sections and exhibits S-shaped configuration. The airline element is formed between the angle sections and as a connecting collar in end-lateral manner. The angle sections are air tightly connected with one another via a muff connection. An independent claim is included for air filter housing.

Abstract (de)

Bei einer Luftanschlusseinheit (10) für ein Luftfiltergehäuse (20, 21) mit wenigstens einem Stutzen (11), in den wenigstens eine Wartungsintervallanzeige oder ein Wartungsschalteranschluss (12) integriert ist und der in einer Ausnehmung im Luftfiltergehäuse (20) drehbar zu lagern ist, ist ein sich an den Stutzen (11) anschließendes Luftleitungselement über wenigstens einen Teil seiner Länge als Wellrohr (14) ausgebildet, so dass eine einfache und weitgehend rückstellkräftefreie Ausrichtung des Wartungsschalteranschlusses (12) gegenüber dem Luftfiltergehäuse (20) möglich ist.

IPC 8 full level

**F02M 35/10** (2006.01); **F02M 35/09** (2006.01)

CPC (source: EP US)

**F02M 35/09** (2013.01 - EP US); **F02M 35/10137** (2013.01 - EP US); **F02M 35/10144** (2013.01 - EP US); **F02M 35/10321** (2013.01 - EP US); **F02M 35/1038** (2013.01 - EP US)

Cited by

AT518042B1; CN102003593A; EP2843206A1; DE102013014491A1; DE202013011869U1; DE102014012949A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1835166 A2 20070919**; **EP 1835166 A3 20080402**; DE 102006012592 A1 20070920; US 2007240393 A1 20071018

DOCDB simple family (application)

**EP 07101376 A 20070130**; DE 102006012592 A 20060316; US 72316107 A 20070316