

Title (en)

An intake assembly for an internal combustion engine

Title (de)

Aufnahmenanordnung für einen Verbrennungsmotor

Title (fr)

Ensemble d'admission pour un moteur à combustion interne

Publication

EP 2587043 A1 20130501 (EN)

Application

EP 11186880 A 20111027

Priority

EP 11186880 A 20111027

Abstract (en)

An intake assembly (100) for an internal-combustion engine (2) comprising a plurality of cylinders (CY), wherein the intake assembly comprises an intake duct (104) for each cylinder (CY) of the internal-combustion engine and an airbox (106) defining a volume with which each intake duct (104) is in fluid communication. In addition, in the intake assembly (100): - the airbox (106) is in fluid communication with the external environment by means of an intake mouth (116); - the airbox (106) comprises, inside it, a filter element (114) designed for filtering a flow of fluid taken in by the internal-combustion engine (2); and - each of the intake ducts (104) is in fluid communication with the airbox (106) by means of a respective throttle body (108) including a throttle valve (110) operable for regulating a flow rate of fluid taken in by the internal-combustion engine (2).

IPC 8 full level

F02D 9/10 (2006.01); **F02M 35/024** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP)

F02D 9/1055 (2013.01); **F02D 9/1095** (2013.01); **F02M 35/10255** (2013.01); **F02M 35/10308** (2013.01); **F02M 35/1038** (2013.01)

Citation (search report)

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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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2587043 A1 20130501

DOCDB simple family (application)

EP 11186880 A 20111027