

Title (en)

Intake system of an internal combustion engine with a turbocharger

Title (de)

Ansaugtrakt einer Brennkraftmaschine mit einem Turbolader

Title (fr)

Système d'admission d'un moteur à combustion interne avec un turbocompresseur

Publication

EP 0791747 A3 19980204 (DE)

Application

EP 96119922 A 19961212

Priority

DE 19604344 A 19960207

Abstract (en)

[origin: EP0791747A2] The air intake section for a vehicle internal combustion engine, fitted with a turbocharger, has an air filter upstream of the turbocharger. According to the air suction pressure, a bypass downstream of the air filter is opened to the air filter. A spring-loaded barrier flap or a membrane with a nominal fracture point is installed in the bypass. A setting flap in the bypass is activated by underpressure in the air intake section downstream of the air filter.

IPC 1-7

F02M 35/08

IPC 8 full level

F02M 35/08 (2006.01); **F02B 39/16** (2006.01)

CPC (source: EP)

F02M 35/08 (2013.01); **F02B 39/16** (2013.01)

Citation (search report)

- [YD] DE 2421358 B2 19790201 - MTU FRIEDRICHSHAFEN GMBH [DE]
- [Y] US 2451227 A 19481012 - KRAUSE NORMAN R
- [A] US 1742325 A 19300107 - SWEETLAND ERNEST J

Cited by

DE102011108445A1; FR2995632A1; CN1309948C

Designated contracting state (EPC)

DE FR GB

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DE 19604344 A1 19970814; EP 0791747 A2 19970827; EP 0791747 A3 19980204

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