

Title (en)

Low-noise air intake arrangement of combustion engine.

Title (de)

Schalldämpfungseinrichtung für die Ansaugluft einer Brennkraftmaschine.

Title (fr)

Dispositif silencieux d'aspiration d'air pour moteur à combustion interne.

Publication

EP 0091038 A1 19831012 (EN)

Application

EP 83103004 A 19830325

Priority

JP 5557482 A 19820402

Abstract (en)

An air intake duct (22, 30) and an air inlet pipe (12a) of an air cleaner (12) are combined to form an elongate conduit system through which ambient air to be fed to the combustion engine flows. A branch tube (24, 32) having a length half that of the elongate conduit system is branched from the longitudinally intermediate portion of the system and closed at its leading end (24b, 32b). A viscous damping material (26), such as, a foamed polyurethane, a glass wool or the like is packed in the branch tube.

IPC 1-7

F02M 35/12

IPC 8 full level

F02M 35/12 (2006.01)

CPC (source: EP)

F02M 35/10013 (2013.01); **F02M 35/1227** (2013.01); **F02M 35/1272** (2013.01)

Citation (search report)

- [A] US 2297046 A 19420929 - BOURNE ROLAND B
- [A] US 2468454 A 19490426 - MASON WARREN P
- [A] DE 891343 C 19530928 - GOESELE KARL DR-ING HABIL
- [A] FR 2163938 A5 19730727 - LAUTRETTE JEAN
- [A] FR 1217190 A 19600502

Cited by

EP0365892A1; US5014816A; EP0192457A1; US4800985A; AU597878B2; WO9214922A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0091038 A1 19831012; JP S58172451 A 19831011

DOCDB simple family (application)

EP 83103004 A 19830325; JP 5557482 A 19820402