

Title (en)
Improvements in or Relating to Vehicle Noise

Title (de)
Verbesserungen bei oder im Zusammenhang mit Fahrzeuggeräuschen

Title (fr)
Améliorations du bruit d'un véhicule ou liées à celui-ci

Publication
EP 1865186 A2 20071212 (EN)

Application
EP 07109519 A 20070604

Priority
• JP 2006155944 A 20060605
• JP 2006163081 A 20060613

Abstract (en)
An amplification device (1) for amplifying suction noise of a vehicle is disclosed herein. An embodiment of the amplification device (1) comprises an intake duct (12), a connecting pipe (2), an elastic membrane member (8) and a contact member (10). The intake duct (12) feeds air into an engine inlet port. A connecting pipe (2) is connected to an interior of the intake duct (12). The elastic membrane member (8) blocks a passageway inside of the contacting pipe. The contact member (10) is connected to the connecting pipe (2) and includes at least one portion that is adapted to selectively contact a surface of the elastic membrane member (8) that faces the intake duct (12).

IPC 8 full level
F02M 35/16 (2006.01); **F02M 35/10** (2006.01); **F02M 35/12** (2006.01)

CPC (source: EP)
F02M 35/10295 (2013.01); **F02M 35/10301** (2013.01); **F02M 35/10321** (2013.01); **F02M 35/1222** (2013.01); **F02M 35/1294** (2013.01); **F02M 35/161** (2013.01)

Cited by
DE102015106000A1; CN108071531A; CN103807027A

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1865186 A2 20071212; EP 1865186 A3 20081224; EP 1865186 B1 20120530

DOCDB simple family (application)
EP 07109519 A 20070604