

Title (en)
A vehicle comprising a sound insulation structure

Title (de)
Kraftfahrzeug mit Lärmschutz

Title (fr)
Véhicule avec une structure d'insonorisation

Publication
EP 1403484 B1 20081112 (EN)

Application
EP 03020795 A 20030912

Priority
JP 2002279633 A 20020925

Abstract (en)
[origin: EP1403484A1] The vehicle has a sound insulation structure for a forced air cooling engine. The structure comprises of a sound insulation cover (50) that has wind introducing unit at different side walls that are angled to each other. The wind introducing unit includes a running wind introducing port (50e) and openings (52, 53), where the port is arranged in a driving direction and the openings are arranged perpendicularly.

IPC 8 full level
F02B 61/02 (2006.01); **F01P 1/02** (2006.01); **F01P 11/10** (2006.01); **F02B 77/13** (2006.01)

CPC (source: EP)
F02B 61/02 (2013.01); **F02B 77/13** (2013.01)

Citation (examination)

- US 3762489 A 19731002 - PROKSCH F, et al
- JP S61258916 A 19861117 - KAWASAKI HEAVY IND LTD
- US 4241702 A 19801230 - IIDA AKIO [JP], et al

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Designated contracting state (EPC)
DE ES FR GB IT

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EP 1403484 A1 20040331; **EP 1403484 B1 20081112**; CN 1243184 C 20060222; CN 1497145 A 20040519; DE 60324644 D1 20081224; ES 2316683 T3 20090416; JP 2004116375 A 20040415; TW 200411112 A 20040701; TW I221878 B 20041011

DOCDB simple family (application)
EP 03020795 A 20030912; CN 03159475 A 20030925; DE 60324644 T 20030912; ES 03020795 T 20030912; JP 2002279633 A 20020925; TW 92125929 A 20030919