

Title (en)

COMPACT FRONT UNIT FOR A MOTOR VEHICLE

Title (de)

KOMPAKTE FRONTEINHEIT FÜR EIN MOTORFAHRZEUG

Title (fr)

BLOC AVANT COMPACT DE VEHICULE A MOTEUR

Publication

**EP 2456630 A1 20120530 (FR)**

Application

**EP 10737982 A 20100610**

Priority

- FR 0955102 A 20090722
- FR 2010051152 W 20100610

Abstract (en)

[origin: WO2011010028A1] The invention relates to a front unit for a vehicle, including a suctioned air resonator (1) connected to the air filter of the vehicle, and a technical front panel (2) that is located, in the longitudinal direction of the vehicle (XX), between a power train (3) and a shock-absorbing beam (4), at least one radiator (5) for the cooling system of the engine being built into said front panel, said front unit being characterized in that the resonator (1) is also built into the front technical front panel (2) and extends substantially in the plane of the latter, so as to free up space under the hood of the vehicle and to reduce the front overhang of the latter.

IPC 8 full level

**B60K 28/06** (2006.01)

CPC (source: EP)

**B60K 11/04** (2013.01); **B62D 25/084** (2013.01); **F02M 35/10295** (2013.01); **F02M 35/1034** (2013.01); **F02M 35/161** (2013.01)

Citation (search report)

See references of WO 2011010028A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011010028 A1 20110127**; EP 2456630 A1 20120530; FR 2948323 A1 20110128; FR 2948323 B1 20110729

DOCDB simple family (application)

**FR 2010051152 W 20100610**; EP 10737982 A 20100610; FR 0955102 A 20090722