

Title (en)

AIR-GAP INSULATED MOTOR VEHICLE EXHAUST DUCT

Title (de)

LUFTSPALTISOLIERTE FAHRZEUGABGASLEITUNG

Title (fr)

CONDUITE DE GAZ D'ECHAPPEMENT ISOLEE PAR COUCHE D'AIR

Publication

**EP 1888890 A1 20080220 (DE)**

Application

**EP 06723854 A 20060330**

Priority

- EP 2006002887 W 20060330
- DE 102005022114 A 20050512

Abstract (en)

[origin: WO2006119824A1] An air-gap insulated motor vehicle exhaust duct has an outer pipe (3) and an inner pipe (5), between which is formed an air gap (8). One of the two pipes (3) is fitted with a flange (11), and between the flange (11) and the other pipe (5) is a seal (17) which to a large extent seals the air gap (8) against the surroundings and also allows relative axial and radial movement between the flange (11) and the other pipe (5) when thermal expansion occurs while the vehicle is driving.

IPC 8 full level

**F01N 13/08** (2010.01); **F01N 13/14** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP KR US)

**F01N 13/14** (2013.01 - EP KR US); **F01N 13/18** (2013.01 - KR); **F01N 13/1827** (2013.01 - EP US); **F01N 2470/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2006119824A1

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DOCDB simple family (publication)

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