

Title (en)

Intake snorkel of an air intake apparatus for the intake of combustion air for a combustion engine

Title (de)

Ansaugschnorchel eines Luftansaugtrakts zum Ansaugen von Verbrennungsluft für eine Brennkraftmaschine

Title (fr)

Tube d'aspiration d'une conduite d'aspiration d'air destiné à l'aspiration d'air de combustion pour un moteur à combustion interne

Publication

**EP 1980741 A3 20090708 (DE)**

Application

**EP 08005600 A 20080326**

Priority

DE 102007017428 A 20070413

Abstract (en)

[origin: EP1980741A2] The suction snorkel (1) of an air suction tract comprises an opening (8) and a closure element (5) assigned to the opening. The closure element is moved between a closing position, which locks the opening and an opening position, which releases the opening. A selected force is provided, where the closure element is so arranged that it is streamed with an excess pressure from an air flow entering into the suction snorkel.

IPC 8 full level

**F02M 35/04** (2006.01)

CPC (source: EP)

**F02M 35/04** (2013.01); **F02M 35/10013** (2013.01); **F02M 35/168** (2013.01)

Citation (search report)

- [XY] JP H1182202 A 19990326 - TOYODA GOSEI KK
- [Y] DE 9307147 U1 19930708
- [X] JP 2006161642 A 20060622 - NISSAN MOTOR
- [A] EP 0789141 A1 19970813 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] US 4273564 A 19810616 - SUGIE HIROMICHI, et al

Cited by

US11173808B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1980741 A2 20081015; EP 1980741 A3 20090708; EP 1980741 B1 20110921**; AT E525563 T1 20111015; DE 102007017428 A1 20081016

DOCDB simple family (application)

**EP 08005600 A 20080326**; AT 08005600 T 20080326; DE 102007017428 A 20070413