

Title (en)

AIR INTAKE CIRCUIT FOR A SUPERCHARGED ENGINE

Title (de)

LUFTANSAUGKREISLAUF FÜR EINEN TURBOGELADENEN MOTOR

Title (fr)

CIRCUIT D'ADMISSION D'AIR D'UN MOTEUR SURALIMENTÉ

Publication

**EP 3532717 A2 20190904 (FR)**

Application

**EP 17800906 A 20171027**

Priority

- FR 1660498 A 20161028
- FR 2017052968 W 20171027

Abstract (en)

[origin: WO2018078296A2] The invention relates to an air intake circuit for a supercharged vehicle engine, comprising a compressor (5) located in said circuit and a bypass circuit (18) comprising a discharge valve (19) and delivering compressed gases, downstream of the compressor (5), to an area (26) of the intake line located upstream of the compressor (5). The main feature of an intake circuit according to the invention is that the segment (25) of the bypass circuit (18) between the discharge valve (19) and the area (26) comprises at least two branches (27, 28) for conveying the gases to the area (26), said branches (27, 28) being implanted in a pipe (26) delimiting said area.

IPC 8 full level

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Citation (search report)

See references of WO 2018078296A2

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