

Title (en)

AIR INTAKE DEVICE FOR A HEAT ENGINE

Title (de)

LUFTANSAUGVORRICHTUNG FÜR EINE WÄRMEMASCHINE

Title (fr)

DISPOSITIF D'ADMISSION D'AIR POUR MOTEUR THERMIQUE

Publication

EP 3707365 A1 20200916 (FR)

Application

EP 18789165 A 20181024

Priority

- FR 1760459 A 20171108
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Abstract (en)

[origin: WO2019091785A1] An air intake circuit (10) for a heat engine, said air intake circuit being intended to be positioned between an air compression element and at least an upper portion of a hollow combustion chamber (14) in a cylinder head (11) of the engine, said air intake circuit (10) comprising the cylinder head (11), an air intake manifold (17) and at least one air intake duct (12), characterised in that the circuit comprises at least one concave receptacle (25) turned towards the outside of the engine, housed in a cavity (22) of the cylinder head, and connected to a tubular element (26) pushed into the at least one air intake duct (12).

IPC 8 full level

F02M 35/10 (2006.01); **F02B 29/04** (2006.01); **F02F 1/24** (2006.01); **F02F 1/42** (2006.01); **F02M 31/20** (2006.01); **F02M 35/104** (2006.01); **F02M 35/108** (2006.01)

CPC (source: EP KR US)

F02B 29/0475 (2013.01 - KR); **F02F 1/4235** (2013.01 - KR); **F02M 31/20** (2013.01 - KR); **F02M 35/10006** (2013.01 - US); **F02M 35/10052** (2013.01 - KR); **F02M 35/10072** (2013.01 - EP KR); **F02M 35/10078** (2013.01 - US); **F02M 35/10144** (2013.01 - KR US); **F02M 35/10157** (2013.01 - KR); **F02M 35/10288** (2013.01 - US); **F02M 35/10321** (2013.01 - KR US); **F02M 35/1034** (2013.01 - EP KR); **F02M 35/104** (2013.01 - EP KR US); **F02M 35/1085** (2013.01 - EP KR); **F02M 35/112** (2013.01 - EP KR); **F02B 29/0475** (2013.01 - EP); **F02M 31/20** (2013.01 - EP); **F02M 35/10052** (2013.01 - EP); **F02M 35/10144** (2013.01 - EP); **F02M 35/10157** (2013.01 - EP); **F02M 35/10321** (2013.01 - EP); **Y02T 10/12** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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