

Title (en)

Intake system of an internal-combustion engine.

Title (de)

Ansaugsystem für eine Brennkraftmaschine.

Title (fr)

Structure d'admission pour un moteur à combustion interne.

Publication

**EP 0105934 A1 19840425 (EN)**

Application

**EP 82107552 A 19820818**

Priority

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Abstract (en)

An internal combustion engine is provided with an auxiliary intake passage (11, 11 min ) which opens into an intake passage (3, 3 min ) immediately downstream of a valve stem (7a, 7a min ) of an intake valve (7, 7 min ) with respect to the flow direction of the intake air flowing towards a combustion chamber (2, 2 min ). As a result, the disturbances of the intake air flow immediately downstream of the valve stem are eliminated by the intake air flow coming from said auxiliary intake passage.

IPC 1-7

**F02F 1/42**; **F02M 35/10**

IPC 8 full level

**F02F 1/42** (2006.01); **F02M 35/108** (2006.01); **F02B 1/04** (2006.01); **F02B 31/00** (2006.01); **F02F 1/24** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)

**F02F 1/4214** (2013.01 - EP); **F02M 35/10072** (2013.01 - EP); **F02M 35/10308** (2013.01 - EP US); **F02M 35/108** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP); **F02B 2031/006** (2013.01 - EP); **F02B 2275/18** (2013.01 - EP); **F02F 2001/245** (2013.01 - EP); **F02M 35/1085** (2013.01 - EP US)

Citation (search report)

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