

Title (en)

INTAKE DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

ANSAUGVORRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF D'ADMISSION POUR MOTEUR A COMBUSTION INTERNE

Publication

**EP 1058782 B1 20021002 (DE)**

Application

**EP 99908924 A 19990218**

Priority

- DE 19807463 A 19980224
- EP 9901060 W 19990218

Abstract (en)

[origin: DE19807463A1] The device is supplied with combustion air and a second fluid via an air intake pipe. The pipe has an aperture, especially a bore, and a guide tube (11) passes through the bore into the air intake pipe. The bore is located near a socket (3) with throttle in the intake pipe. The pipe has a flange (8) for a valve (13) for supply of the second fluid. The valve is an exhaust return valve, and the second fluid is engine exhaust. Intake pipe with flange are connected to the guide tube especially by press fit.

IPC 1-7

**F02M 35/10**

IPC 8 full level

**F02M 26/12** (2016.01); **F02M 26/18** (2016.01); **F02M 35/10** (2006.01)

CPC (source: EP KR US)

**F02D 9/1035** (2013.01 - EP US); **F02M 26/12** (2016.02 - EP US); **F02M 26/18** (2016.02 - EP US); **F02M 35/10** (2013.01 - EP KR US); **F02M 35/10222** (2013.01 - EP US); **F02M 26/21** (2016.02 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 19807463 A1 19990826**; BR 9908180 A 20001024; DE 59902927 D1 20021107; EP 1058782 A1 20001213; EP 1058782 B1 20021002; KR 20010041274 A 20010515; US 6443134 B1 20020903; WO 9943946 A1 19990902

DOCDB simple family (application)

**DE 19807463 A 19980224**; BR 9908180 A 19990218; DE 59902927 T 19990218; EP 9901060 W 19990218; EP 99908924 A 19990218; KR 20007009372 A 20000824; US 62286800 A 20001114