

Title (en)

Apparatus for recirculating exhaust gas into an inlet air stream

Title (de)

Apparat für Abgasrückführung in einer Ansaugluftströmung

Title (fr)

Appareil pour recirculation de gaz d'échappement dans un courant d'air d'admission

Publication

EP 1270918 A1 20030102 (EN)

Application

EP 01115521 A 20010627

Priority

EP 01115521 A 20010627

Abstract (en)

An apparatus for recirculating exhaust gas into an inlet air stream in an internal combustion engine. The intake passage (2) comprises an elbow section (6) between the throttle blade (10) and an exhaust gas inlet (14) for preventing entry of exhaust gas into a backflow region downstream of the throttle blade (10). <IMAGE>

IPC 1-7

F02M 25/07

IPC 8 full level

F02M 26/19 (2016.01); **F02M 35/10** (2006.01)

CPC (source: EP)

F02M 26/19 (2016.02); **F02M 35/10032** (2013.01); **F02M 35/10222** (2013.01); **F02M 35/10255** (2013.01); **F02M 35/10327** (2013.01); **F02M 35/10347** (2013.01); **F02M 26/18** (2016.02); **F02M 26/50** (2016.02); **F05C 2225/08** (2013.01)

Citation (search report)

- [AD] EP 0881378 A2 19981202 - NISSAN MOTOR [JP]
- [AD] DE 4420247 A1 19951214 - IAV MOTOR GMBH [DE], et al
- [A] US 5572979 A 19961112 - CZADZECK GERALD H [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)

Cited by

FR2907513A1; CN113550843A; US11041468B2; US8991366B2; CN112703309A; JPWO2019230994A1; WO2008046987A3; WO2019230994A1; WO2010007024A1

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DE

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