

Title (en)

Secondary air valve for supplying extra air to exhaust gas stream of an internal combustion engine

Title (de)

Sekundärluftventil zur Zuführung von Zusatzluft zum Abgasstrom einer Brennkraftmaschine

Title (fr)

Vanne d'air secondaire pour alimenter de l'air supplémentaire dans les gaz d'échappement d'un moteur à combustion interne

Publication

EP 1046797 A3 20001122 (DE)

Application

EP 00107363 A 20000405

Priority

DE 19918469 A 19990423

Abstract (en)

[origin: EP1046797A2] The secondary air valve, for the feed of additional air into the exhaust gas flow at an internal combustion motor, has a compensation channel (21) leading from the outlet (2) to open into the ambient environment. It is closed by a moving compensatio body (22) mounted to the valve body (4). A compensation rod (8') carries the compensation body (22) at the side of the membrane away from the valve control chamber (14).

IPC 1-7

F01N 3/22

IPC 8 full level

F01N 3/22 (2006.01)

CPC (source: EP)

F01N 3/22 (2013.01)

Citation (search report)

- [X] US 5491976 A 19960220 - ROCK JEFFREY A [US], et al
- [DA] DE 4326340 A1 19950209 - PIERBURG GMBH [DE]

Cited by

AT16539U1; CN112654768A; US11352928B2; WO2020051603A1

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