

Title (en)

Exhaust brake with electromagnetic control

Title (de)

Auspuffbremse mit elektromagnetischer Steuerung

Title (fr)

Frein moteur à commande électromagnétique

Publication

EP 0985811 A3 20000906 (EN)

Application

EP 99117743 A 19990909

Priority

IT TO980776 A 19980911

Abstract (en)

[origin: EP0985811A2] Art exhaust brake with electromagnetic control for diesel engine vehicles comprises an electric contact (77) mechanically coupled to the vehicle brake pedal, a butterfly valve (4) for closing the engine exhaust gases actuated by an electromagnetic device (9) and an electronic control unit (60) that senses the status of the electric contact (77) and the engine speed and closes the butterfly valve (4) if the pedal is pressed and the engine speed is over a predetermined minimum threshold. <IMAGE>

IPC 1-7

F02D 9/06

IPC 8 full level

F02D 9/06 (2006.01)

CPC (source: EP)

F02D 9/06 (2013.01)

Citation (search report)

- [XY] US 4987869 A 19910129 - HILBURGER WALTER [DE]
- [Y] DE 4321137 A1 19950105 - SCHMIDT ALFRED [DE]
- [A] DE 2625095 A1 19771215 - MASCHF AUGSBURG NUERNBERG AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 010, no. 114 (M - 473) 26 April 1986 (1986-04-26)

Cited by

CN111183276A; CN112576658A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0985811 A2 20000315; EP 0985811 A3 20000906; IT 1304987 B1 20010405; IT TO980776 A0 19980911; IT TO980776 A1 20000311

DOCDB simple family (application)

EP 99117743 A 19990909; IT TO980776 A 19980911