

Title (en)

METHOD FOR OPERATING A STORAGE CATALYST OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BETREIBEN EINES SPEICHERKATALYSATORS EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UN CATALYSEUR ACCUMULATEUR DE MOTEUR A COMBUSTION INTERNE

Publication

**EP 1159518 A1 20011205 (DE)**

Application

**EP 00991535 A 20001220**

Priority

- DE 0004549 W 20001220
- DE 19963925 A 19991231

Abstract (en)

[origin: WO0149994A1] The invention relates to an internal combustion engine (1), in particular for a motor vehicle, which is provided with a storage catalyst (12'). Said storage catalyst can be fed with and can discharge nitrous oxides. A temperature sensor (13, 14) is provided for measuring the temperature of the exhaust gas that flows through the storage catalyst (12') and/or for measuring the temperature of the storage catalyst (12'). The measured temperature is compared with a threshold value, using a control device (18).

IPC 1-7

**F01N 11/00**

IPC 8 full level

**F02D 45/00** (2006.01); **F01N 3/08** (2006.01); **F01N 3/18** (2006.01); **F01N 11/00** (2006.01); **F02B 75/12** (2006.01); **F02D 41/30** (2006.01)

CPC (source: EP)

**F01N 3/0814** (2013.01); **F01N 3/0842** (2013.01); **F01N 11/002** (2013.01); **F01N 2550/03** (2013.01); **F02B 2075/125** (2013.01); **F02D 41/1446** (2013.01); **F02D 41/3029** (2013.01); **Y02T 10/40** (2013.01)

Citation (search report)

See references of WO 0149994A1

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

**WO 0149994 A1 20010712**; DE 19963925 A1 20010712; EP 1159518 A1 20011205; JP 2003519324 A 20030617

DOCDB simple family (application)

**DE 0004549 W 20001220**; DE 19963925 A 19991231; EP 00991535 A 20001220; JP 2001549906 A 20001220