

Title (en)

PROCESS AND ARRANGEMENT FOR PROCESSING EXHAUST GASES, ESPECIALLY FROM INTERNAL COMBUSTION ENGINES

Title (de)

VERFAHREN UND ANORDNUNG ZUM AUFBEREITEN VON ABGASEN, INSBESONDERE VON VERBRENNUNGSMOTOREN

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE TRAITER DES GAZ BRULES, NOTAMMENT DES GAZ D'ECHAPPEMENT DE MOTEURS A COMBUSTION INTERNE

Publication

EP 0770215 A1 19970502 (DE)

Application

EP 95910436 A 19950302

Priority

- DE 9500278 W 19950302
- DE 4424370 A 19940711

Abstract (en)

[origin: WO9601998A1] In order to measure the pollutant concentration in exhaust gas, especially when the gas is collected before analysis, the exhaust gas is diluted with air to prevent the water vapour therein from condensing and falsifying the measurements. According to the present invention, a sample is taken from the exhaust gas to be analysed which is diluted with synthetic air. The test gas flow is controlled or regulated in such a way that the ratio of sample gas to the exhaust gas flow is constant. The ratio of the flows of synthetic air to exhaust gas is also kept constant. The invention is applicable to the measurement of polluting emissions from internal combustion engines.

IPC 1-7

G01N 33/00

IPC 8 full level

G01N 33/00 (2006.01); **G01N 1/22** (2006.01)

CPC (source: EP)

G01N 33/0016 (2013.01); **G01N 33/0018** (2013.01); **G01N 1/2252** (2013.01); **G01N 2001/2264** (2013.01)

Citation (search report)

See references of WO 9601998A1

Designated contracting state (EPC)

BE DE FR GB IT SE

DOCDB simple family (publication)

WO 9601998 A1 19960125; DE 4424370 A1 19960418; EP 0770215 A1 19970502

DOCDB simple family (application)

DE 9500278 W 19950302; DE 4424370 A 19940711; EP 95910436 A 19950302