

Title (en)  
METHOD AND SYSTEM FOR REMOTE EXHAUST EMISSION MEASUREMENT

Title (de)  
VERFAHREN UND SYSTEM ZUR FERNGESTEUERTEN ABGASMESSUNG

Title (fr)  
PROCÉDÉ ET SYSTÈME DE TÉLÉMESURE D'ÉMISSIONS

Publication  
**EP 1989532 A1 20081112 (EN)**

Application  
**EP 06791027 A 20060918**

Priority  
• CN 2006002435 W 20060918  
• US 75958806 P 20060118

Abstract (en)  
[origin: WO2007082426A1] A remote vehicle emissions measurement system comprising a radiation source, an adaptable radiation detection unit and a processing unit, characterized in that the radiation source comprises an infrared source, an ultraviolet source or a combination thereof; the radiation detection unit comprises one or more detachable and expandable detecting elements for receiving the set of predetermined wavelength bands and producing a plurality of corresponding response concurrently at any one time instant; and the processing unit comprises one or more specific software and hardware for calculating the concentrations of various gas components thereof, the relative ratio of one gas component to the others, or the absolute emission values of each of the gas components thereof in an accurate and practicable manner.

IPC 8 full level  
**G01N 21/31** (2006.01)

CPC (source: EP)  
**G01N 21/31** (2013.01); **G01N 21/33** (2013.01); **G01N 21/3504** (2013.01)

Citation (search report)  
See references of WO 2007082426A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007082426 A1 20070726**; CN 101400986 A 20090401; CN 101400986 B 20120104; EP 1989532 A1 20081112; HK 1080272 A2 20060421

DOCDB simple family (application)  
**CN 2006002435 W 20060918**; CN 200680053784 A 20060918; EP 06791027 A 20060918; HK 06101007 A 20060120