

Title (en)  
Aligning and manufacturing components

Title (de)  
Justieren und Herstellen von Bauelementen

Title (fr)  
Alignement et fabrication de composants

Publication  
**EP 1134607 A8 20020116 (EN)**

Application  
**EP 00307875 A 20000912**

Priority  
US 39519899 A 19990914

Abstract (en)  
[origin: EP1134607A2] An object system is regarded as being equivalent to a system for generating an output of an O2 sensor (12) or exhaust gas sensor from a target combined air-fuel ratio that is produced by combining target air-fuel ratios KCMD for respective cylinder groups (3, 4) according to a filtering process of the mixed model type. With the equivalent system as an object to be controlled, an air-fuel ratio processing controller (15) determines a target combined air-fuel ratio, and determines a target air-fuel ratio KCMD for each of the cylinder groups (3, 4) from the target combined air-fuel ratio. The air-fuel ratios in the cylinder groups (3, 4) are manipulated into the target air-fuel ratio according to a feed-forward control process. <IMAGE>

IPC 1-7  
**G02B 27/62**; G02B 6/42; G01M 11/02

IPC 8 full level  
**G01M 11/00** (2006.01); **G02B 6/38** (2006.01); **G02B 27/62** (2006.01); G02B 6/42 (2006.01)

CPC (source: EP)  
**G01M 11/333** (2013.01); **G01M 11/335** (2013.01); **G01M 11/337** (2013.01); **G02B 6/3834** (2013.01); **G02B 27/62** (2013.01);  
G02B 6/4225 (2013.01)

Cited by  
CN105806641A; US6941631B2; US6559464B1; US10840396B2

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 1134607 A2 20010919**; **EP 1134607 A3 20010919**; **EP 1134607 A8 20020116**; AU 5792400 A 20010315; CA 2318655 A1 20010314;  
CN 1288153 A 20010321

DOCDB simple family (application)  
**EP 00307875 A 20000912**; AU 5792400 A 20000912; CA 2318655 A 20000912; CN 00127008 A 20000914