





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 96 30 1360

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X,P	EP 0 653 559 A (CUMMINS ENGINE CO INC) 17 May 1995 * the whole document *	1-6	F02D21/08
X	US 5 333 456 A (BOLLINGER STEVEN R) 2 August 1994 * figure 1 *	1	
X	DE 40 38 918 A (PORSCHE AG) 11 June 1992 * figures 1,2 *	1	
A	US 4 635 609 A (SEPPE JAN J ET AL) 13 January 1987 * figure 4 *	1	
A	EP 0 489 263 A (MAZDA MOTOR) 10 June 1992 * figure 1 *	6	
A	US 4 426 848 A (STACHOWICZ ROBERT W) 24 January 1984 * figure 1 *	1	
A	US 3 996 748 A (MELCHIOR JEAN) 14 December 1976 * figure 1 *	1	
A	US 3 149 454 A (H.W.HAHN) 22 September 1964 * figure *	1	
A	DE 38 31 080 A (VOLKSWAGENWERK AG) 6 April 1989 * figure *	1	
A	DE 30 29 435 A (FRANKE WALTER) 4 March 1982 * figure 1 *	6	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 June 1997	Examiner Alconchel y Ungria,J
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03/92 (P4/C3U)