



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 10 4642

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.7)
A	US 4 635 355 A (BRINKMAN DONALD J ET AL) 13 January 1987 (1987-01-13) * the whole document *	1-7	H01R13/42 H01R43/22 H01R13/436
A	US 5 989 059 A (ENDO TAKAYOSHI ET AL) 23 November 1999 (1999-11-23) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 December 2001	Examiner Marcolini, P
CATEGORY OF CITED DOCUMENTS 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 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 4642

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-12-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4635355 A	13-01-1987	EP 0231992 A2	12-08-1987
		JP 1749351 C	08-04-1993
		JP 4032517 B	29-05-1992
		JP 62160678 A	16-07-1987
US 5989059 A	23-11-1999	JP 3216779 B2	09-10-2001
		JP 8293376 A	05-11-1996
		DE 19606681 A1	29-08-1996
		US 6173488 B1	16-01-2001
		US 5743008 A	28-04-1998
		US 6056589 A	02-05-2000