



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 25 8152

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 469 (M-883), 24 October 1989 (1989-10-24) & JP 01 184332 A (TOSHIBA CORP), 24 July 1989 (1989-07-24)	1,3,8, 12,15	H05B6/80
Y	* abstract * * figures 1-4 *	13	
X	----- US 3 943 318 A (HIRAI ET AL) 9 March 1976 (1976-03-09) * abstract * * figures 1-6 * * column 2, line 66 - column 3, line 20 * * column 3, line 44 - line 65 * * column 4, line 4 - line 10 *	1,2,15	
Y	* figures 1,3-6 * * column 3, line 21 - line 25 * * column 3, line 53 - line 60 * * column 4, line 10 - line 12 * * column 5, line 14 - line 17 *	3-6,11	
A	* figures 3,6 *	10	TECHNICAL FIELDS SEARCHED (IPC)
Y	----- US 5 365 918 A (SMITH ET AL) 22 November 1994 (1994-11-22) * figures 1,2,10,11 * * column 8, line 59 - line 68 *	3-6,13	H05B
A	* figures 1,2,10 *	1,8,11, 12	
Y	----- US 5 206 478 A (LEE ET AL) 27 April 1993 (1993-04-27) * abstract * * figures 6,7 * * column 1, line 67 - column 2, line 1 * * column 3, line 6 - line 19 *	11 1,7-10	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 27 January 2006	Examiner Galary, G
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03.82 (P04C01)

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

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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
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27-01-2006

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