



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 87 19 31

Classification of the application (IPC):
D06F 33/02, D06F 35/00

Technical fields searched (IPC):
D06F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	JP 2001204986 A (TOSHIBA CORP) 31 July 2001 (2001-07-31) * paragraph [0011] - paragraph [0012]; figure 18 * * paragraph [0021] - paragraph [0024]; figure 19 * * paragraph [0037] - paragraph [0042] * * see machine translation *	1, 3, 5 2, 4
X	JP H0739672 A (TOSHIBA CORP; TOSHIBA AVE KK) 10 February 1995 (1995-02-10) * paragraph [0004] * * paragraph [0010] - paragraph [0015]; figure 2 * * paragraph [0018] - paragraph [0021] * * paragraph [0029] * * see machine translation *	1, 3, 5
A	WO 2010128733 A1 (LG ELECTRONICS INC [KR]; HONG SANG WOOK [KR]; CHANG JAE WON [KR]; PARK) 11 November 2010 (2010-11-11) * paragraph [0077] - paragraph [0098]; figure 1 * * paragraph [0091] - paragraph [0098]; figure 2 * * paragraph [0108] - paragraph [0134]; figures 3, 4 * * paragraph [0143] - paragraph [0146]; figure 6 *	1-5
A	JP 3131528 B2 (TOSHIBA CORP) 05 February 2001 (2001-02-05) * paragraph [0016] - paragraph [0017]; figure 7 * * paragraph [0020] - paragraph [0023] * * see machine translation *	1-5

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 29 August 2018	Examiner Sabatucci, Arianna
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
&: member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 29-08-2018
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 2001204986	A	31-07-2001	NONE		
JP H0739672	A	10-02-1995	NONE		
WO2010128733	A1	11-11-2010	KR	20100120052 A	12-11-2010
			US	2012012135 A1	19-01-2012
			WO	2010128733 A1	11-11-2010
JP 3131528	B2	05-02-2001	JP	3131528 B2	05-02-2001
			JP	H06343790 A	20-12-1994

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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