



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 22 74 31 30

**Classification of the application (IPC):**  
H04R 1/40, H04R 5/02, H04R 1/34, H04R 5/04, H04S 7/00

**Technical fields searched (IPC):**  
H04R

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<b>Feistel Stefan ET AL:</b> "Convention Paper 8937", 20 October 2013 (2013-10-20), pages 1-10 URL: <a href="https://www.aes.org/e-lib/inst/download.cfm/16987.pdf?ID=16987">https://www.aes.org/e-lib/inst/download.cfm/16987.pdf?ID=16987</a> , XP093164798 * page 1 - page 3 *	1-15
A	<b>Author Unspecified:</b> "EASE Focus Version 2", 31 March 2014 (2014-03-31) URL: <a href="http://www.vueaudio.com/vue-package/ease-focus-2-5-manual-pdf/?wpdmdl=4679&amp;ind=0">http://www.vueaudio.com/vue-package/ease-focus-2-5-manual-pdf/?wpdmdl=4679&amp;ind=0</a> [retrieved on 29 June 2018 (2018-06-29)] XP055489026 * page 54 - page 60 *	1-15
A	US 8750542 B2 (THOMPSON AMBROSE C T [GB]; MARTIN AUDIO LIMITED [GB]) 10 June 2014 (2014-06-10) * abstract; claim 1; figure 4 *	1-15

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 The Hague	Date of completion of the search 24 May 2024	Examiner Righetti, Marco
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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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EP 22 74 31 30

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 24-05-2024.  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 8750542	B2	10-06-2014	EP	2090137 A2	19-08-2009
			ES	2745813 T3	03-03-2020
			GB	2442983 A	23-04-2008
			GB	2456113 A	08-07-2009
			GB	2473968 A	30-03-2011
			US	2010246839 A1	30-09-2010
			US	2014348355 A1	27-11-2014
			WO	2008047089 A2	24-04-2008