

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	HUAWEI ET AL: "Coverage enhancement for physical channels and signals for low-cost MTC", 3GPP DRAFT; R1-130017, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE , vol. RAN WG1, no. St. Julian; 20130128 - 20130201 19 January 2013 (2013-01-19), XP050663499, Retrieved from the Internet: URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_72/Docs/ [retrieved on 2013-01-19]	1,3-6, 10,12-15	INV. H04W48/12 H04W74/00 H04L5/14 ADD. H04W4/00
Y	* paragraph [0002] * * paragraph [02.1] * * paragraph [02.4] * * figure 1 *	7-9,11, 16,17	
X	----- US 2010/296504 A1 (ZHU ZUOYAN [CN] ET AL) 25 November 2010 (2010-11-25)	1-3,5,6	TECHNICAL FIELDS SEARCHED (IPC) H04W
Y	* paragraphs [0004], [0007] * * paragraphs [0041], [0045] - [0046] * * paragraphs [0050] - [0057] * * figures 6, 9, 10 * ----- -/--	11	
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 5 December 2016	Examiner Costa, Elena
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	

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	<p>ALCATEL-LUCENT ET AL: "PBCH coverage extension for MTC devices", 3GPP DRAFT; R1-130938 - REL-12 MTC COVERAGE - PBCH COVERAGE V0.4, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANC</p> <p>, vol. RAN WG1, no. Chicago, USA; 20130415 - 20130419 6 April 2013 (2013-04-06), XP050696937, Retrieved from the Internet: URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_72b/Docs/ [retrieved on 2013-04-06] * paragraphs [0003], [0004] * * figure 2 *</p>	7-9,16,17	
A	<p>HUAWEI ET AL: "Discussion on (E)PDCCH and PUCCH coverage improvement for MTC UEs", 3GPP DRAFT; R1-135021, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE</p> <p>, vol. RAN WG1, no. San Francisco, USA; 20131111 - 20131115 13 November 2013 (2013-11-13), XP050734724, Retrieved from the Internet: URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN/RAN1/Docs/ [retrieved on 2013-11-13] * paragraph [2.1.3] * * figure 2 *</p>	1,5,10,14	TECHNICAL FIELDS SEARCHED (IPC)
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 5 December 2016	Examiner Costa, Elena
<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>	

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

EP 14 88 0219

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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05-12-2016

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