



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 88 40 95

Classification of the application (IPC):
H04W 24/08, H04W 24/10, H04W 36/00, H04W 76/27, H04W 16/28

Technical fields searched (IPC):
H04W

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y A	<p>LG ELECTRONICS INC: "Considerations on RRM for reduced capability UEs", 3GPP DRAFT; R2-2007745, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 07 August 2020 (2020-08-07), vol. RAN WG2, no. Online; 20200817 - 20200828 URL: https://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2007745.zip R2-2007745 Considerations on RRM for reduced capability UEs.doc [retrieved on 07 August 2020 (2020-08-07)] XP051912372 * paragraphs [0001], [0002] *</p>	1, 3, 11, 12 2, 4-8 9, 10, 13
Y	<p>HUAWEI ET AL: "Remaining issues on time domain measurement relaxation", 3GPP DRAFT; R2-1913568 RELAXED MONITORING TIME DOMAIN REMAINING ISSUES, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ;, 03 October 2019 (2019-10-03), vol. RAN WG2, no. Chongqing, China; 20191014 - 20191018 URL: https://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_107bis/Docs/R2-1913568.zip R2-1913568 Relaxed monitoring time domain remaining issues.doc [retrieved on 03 October 2019 (2019-10-03)] XP051804332 * paragraph [02.3] *</p>	2, 7
Y	<p>ZTE: "Discussion on measurement relaxation rule in time domain", 3GPP DRAFT; R2-1914913, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 08 November 2019 (2019-11-08), vol. RAN WG2, no. Reno, USA; 20191118 - 20191122 URL: https://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_108/Docs/R2-1914913.zip R2-1914913 Discussion on measurement relaxation rule in time domain.docx [retrieved on 08 November 2019 (2019-11-08)] XP051816853 * Appendix *</p>	4

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 05 October 2024	Examiner Cremer, Jan
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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	WO 2011069368 A1 (ZTE CORP [CN]; WANG JIAN [CN]) 16 June 2011 (2011-06-16) * Description relating to Fig. 2 *	5
Y	CN 108616897 A (VIVO COMM TECHNOLOGY CO LTD) 02 October 2018 (2018-10-02) * Background technique *	5
Y	EP 3383090 A1 (LG ELECTRONICS INC [KR]) 03 October 2018 (2018-10-03) * figure 9 *	6
Y	MEDIATEK INC: "[Offline-513] Summary of offline related to measurement relaxation criteria", 3GPP DRAFT; R2-1911620 [OFFLINE-518] SUMMARY OF OFFLINE RELATED TO MEASUREMENT RELAXATION CRITERIA, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06, 30 August 2019 (2019-08-30), vol. RAN WG2, no. Prague, Czech Republic; 20190826 - 20190830 URL: http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_107/Docs/R2-1911620.zip [retrieved on 30 August 2019 (2019-08-30)] XP051769327 * Q2 *;paragraph [0002]	8
T	INTEL CORPORATION: "Relax measurement for stationary and low mobility devices", 3GPP DRAFT; R2-2009022, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 23 October 2020 (2020-10-23), vol. RAN WG2, no. Electronic meeting; 20201102 - 20201113 URL: https://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009022.zip R2-2009022.docx [retrieved on 23 October 2020 (2020-10-23)] XP051942067	

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Place of search The Hague	Date of completion of the search 05 October 2024	Examiner Cremer, Jan
------------------------------	---	-------------------------

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Application number:
EP 21 88 40 95

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 2011069368	A1	16-06-2011	CN	102098735 A	15-06-2011
			WO	2011069368 A1	16-06-2011
CN 108616897	A	02-10-2018	CN	108616897 A	02-10-2018
			CN	113747475 A	03-12-2021
EP 3383090	A1	03-10-2018	CN	102783204 A	14-11-2012
			EP	2529573 A2	05-12-2012
			EP	3383090 A1	03-10-2018
			KR	20110088446 A	03-08-2011
			US	2011183662 A1	28-07-2011
			US	2013252605 A1	26-09-2013
			US	2014206371 A1	24-07-2014
			US	2015031366 A1	29-01-2015
			US	2016242076 A1	18-08-2016
			WO	2011093666 A2	04-08-2011