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(54) **SHORT SSW FRAME FORMAT FOR SLS BEAMFORMING PROCESS BETWEEN ENABLED, ASSOCIATED STATIONS, AND METHOD OF PREPARING WIRELESS COMMUNICATION**

(57) The AP can generate a distinctive 8 bit value, and fill the 8 most significant bits (MSBs) of the a 16 bit AID field to form a EDMG BSS AID. Beamforming can include a station performing a sector level sweep (SLS) process including transmitting, in sequence, a plurality of short sector sweep (SSW) frames to the other station using corresponding ones of the antenna sectors, and receiving, in sequence, a plurality of the short SSW frames from the other station, the short SSW frames having an addressing field format specifying a receiver address association ID (RA AID) and a transmitter address association ID (TA AID). The distinctive 8 bit value can be used as the AP AID.

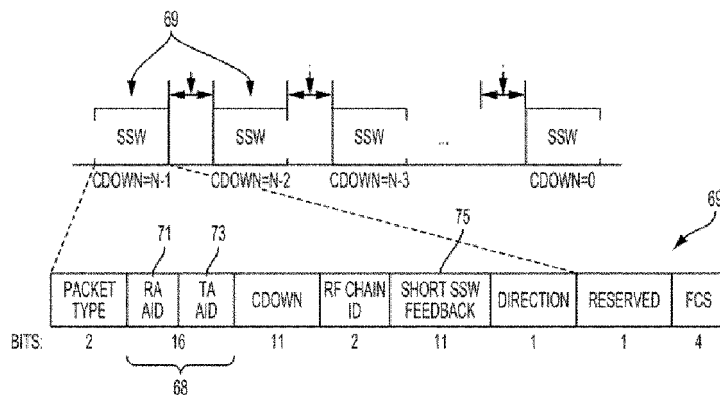


FIG. 7

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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	<p>QIAN CHEN (I2R): "Spatial Sharing Mechanism in 802.11aj (60GHz NT) ; 11-14-0009-01-00aj-spatial-sharing-mechanism-in-802-11aj-60ghz-nt", IEEE DRAFT; 11-14-0009-01-00AJ-SPATIAL-SHARING-MECHANISM-IN-802-11AJ-60GHZ-NT, IEEE-SA MENTOR, PISCATAWAY, NJ USA, vol. 802.11aj, no. 1, 8 January 2014 (2014-01-08), pages 1-17, XP068063594, * pages 4-5,14 *</p> <p>-----</p>	1-5	<p>INV. H04B7/04 H04B7/06</p>
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 4 December 2023	Examiner Franz, Volker
<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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A	<p>ANONYMOUS: "802.11ad-2012 IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements-Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment 3: Enhancements for Ver", IEEE STANDARD, IEEE, PISCATAWAY, NJ, USA, vol. 802.11ad-2012, 28 December 2012 (2012-12-28), pages 1-628, XP068045729, ISBN: 978-0-7381-8096-0</p> <p>* Chapters 9.35.2, 9.35.6.2, 9.35.6.3 provide background information on sector level sweeping.</p> <p>Chapters 9.33.7, 8.4a.2, 8.4.1.8, 8.4.2.130.1 provide background information on AID assignment including using capability field and assignment of AID by the AP. *</p> <p style="text-align: center;">-----</p>	1-5	<p>TECHNICAL FIELDS SEARCHED (IPC)</p>
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 4 December 2023	Examiner Franz, Volker
<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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ANNEX TO THE EUROPEAN SEARCH REPORT
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5 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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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