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*H04W 4/40* (2018.01)      *H04W 80/02* (2009.01)
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- (71) **Applicant: QUALCOMM INCORPORATED** [US/US];  
Atten: International IP Administration, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **Inventors: GULATI, Kapil;** Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US). **BAGHEL, Sudhir, Kumar;** Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US). **LI, Junyi;** Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US). **CHENG, Hong;** Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US). **WU, Zhibin;** Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (74) **Agent: HODGES, Jonas, J.** et al.; c/o Arent Fox LLP, 1717 K Street Nw, Washington, DC 20006-5344 (US).

(54) **Title:** LINK IDENTITY DETERMINATION AND SIGNALING

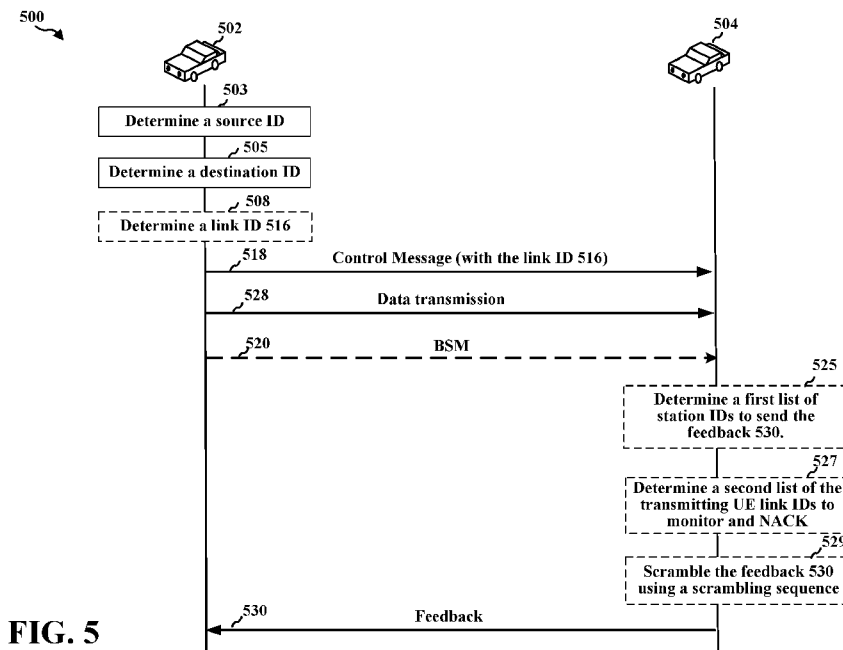


FIG. 5

(57) **Abstract:** A method, a computer-readable medium, and an apparatus for V2V, V2X, or D2D communication may be a transmitting device configured to determine a source ID for communication over a link, to determine a destination ID for the communication over the link based on a type of the communication. The transmitting device may be further configured to transmit at least one control message over the link, where the control message(s) indicate the source ID and the destination ID. In certain aspects, a receiving device may be configured to receive the control message over the link, where the control message indicates the source ID and the destination ID. The receiving device may be configured to receive a data message over the link and to determine whether to attempt to decode the data message received over the link based on the source ID and the destination ID indicated in the control message.



**(81) Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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ADD.  
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED  
Minimum documentation searched (classification system followed by classification symbols)  
H04W  
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search  30 April 2020	Date of mailing of the international search report  13/05/2020
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Wuillème, Cédric
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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2019/049560

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	<p>----- US 2016/249355 A1 (CHAE HYUKJIN [KR] ET AL) 25 August 2016 (2016-08-25) paragraph [0001] - paragraph [0022] paragraph [0055] - paragraph [0068] paragraph [0071] - paragraph [0079] -----</p>	1-30

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International application No

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