



US 20200008208A1

(19) **United States**

(12) **Patent Application Publication**

Kim et al.

(10) **Pub. No.: US 2020/0008208 A1**

(43) **Pub. Date: Jan. 2, 2020**

(54) **METHOD FOR PERFORMING SCHEDULING IN WIRELESS COMMUNICATION SYSTEM AND DEVICE THEREFOR**

Publication Classification

(51) **Int. Cl.**
H04W 72/08 (2006.01)
H04W 72/12 (2006.01)
H04W 64/00 (2006.01)
H04W 4/02 (2006.01)
H04W 8/08 (2006.01)

(52) **U.S. Cl.**
 CPC *H04W 72/082* (2013.01); *H04W 72/1231* (2013.01); *H04W 8/08* (2013.01); *H04W 4/027* (2013.01); *H04W 64/00* (2013.01)

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(21) Appl. No.: **16/467,560**

(22) PCT Filed: **Jan. 12, 2017**

(86) PCT No.: **PCT/KR2017/000408**

§ 371 (c)(1),

(2) Date: **Jun. 7, 2019**

(30) **Foreign Application Priority Data**

Dec. 16, 2016 (KR) 10-2016-0172602

(57) **ABSTRACT**

A method for processing, by a base station, an interference in a wireless communication system includes determining a first base station group and a second base station group based on network topology information, determining a first precoder vector for the first base station group and a second precoder vector for the second base station group, the first precoder vector being linearly independent of the second precoder vector, and transmitting the first precoder vector and a first decoder vector to the first base station group and transmitting the second precoder vector and a second decoder vector to the second base station group, wherein the first decoder vector is included in a null space of the second precoder vector, and the second decoder vector is included in a null space of the first precoder vector.

