

(12) **United States Patent**
Radulescu et al.

(10) **Patent No.:** **US 10,142,980 B2**
(45) **Date of Patent:** **Nov. 27, 2018**

(54) **DISCOVERY REFERENCE SIGNAL
TRANSMISSION WINDOW DETECTION
AND DISCOVERY REFERENCE SIGNAL
MEASUREMENT CONFIGURATION**

(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

Methods, systems, and devices for wireless communication are described. A user equipment (UE) may monitor a neighbor cell and report the result to a serving base station. Based on the report, the serving base station may identify an estimated discovery reference signal (DRS) transmission window of the neighbor cell. In some cases, the UE may estimate and report parameters of the neighbor DRS transmission window, and in other cases, the UE may make a measurement report and the base station may infer DRS transmission window parameters. The base station may then provide the UE with a DRS measurement timing configuration (DMTC) based on the estimated parameters of the neighbor cell so that the UE may monitor the neighbor cell

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 42 days.

(21) Appl. No.: **15/441,215**

(22) Filed: **Feb. 23, 2017**

(65) **Prior Publication Data**

US 2017/0251499 A1 Aug. 31, 2017

Related U.S. Application Data

(60) Provisional application No. 62/300,718, filed on Feb. 26, 2016, provisional application No. 62/318,742, filed on Apr. 5, 2016.

(51) **Int. Cl.**
H04L 12/24 (2006.01)
H04W 72/04 (2009.01)
(Continued)

(52) **U.S. Cl.**
CPC **H04W 72/042** (2013.01); **H04B 17/318** (2015.01); **H04J 11/0036** (2013.01);
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