**Information on Search Strategy** - **Pilot phase (see OJ 2015, A86)**
The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number
PCT/US2019/064451

TITLE: MEASUREMENT REPORT TRIGGERING TECHNIQUES FOR MULTIPLE COMPONENT CARRIERS

APPLICANT: QUALCOMM INCORPORATED

IPC CLASSIFICATION: H04L5/00, H04W72/04

EXAMINER: Colzi, Enrico

CONSULTED DATABASES: DOSYS, EPODOC, WPI, INSPEC, NPL, XP3GPP, XPESP, XPI3E, XPI3ES, XPIEE

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: H04L5/001, H04L5/0023, H04L5/0053, H04L5/0064, H04L5/0094, H04W72/042

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:
When a UE and a base station (BS) establish a connection via two or more component carriers (CCs), one or more parameters associated with each CC (TX power, MCS, etc.) may be based on current channel conditions that may be measured based on one or more transmitted reference signals, e.g., a CSI-RS. In some cases, an aperiodic measurement report based on a CSI-RS may be triggered by a BS using a first CC, and the associated CSI-RS transmissions may use a second CC. A UE may receive the trigger in a control channel transmission on the first CC, perform measurements on the CSI-RS on the second CC, and transmit a measurement report to the base station.
Problem and Solution:
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In order to reduce buffering of the second CC at the UE, certain offsets between the trigger and the CSI-RS transmission may be provided.Efficient identification and management of such offsets may be desirable to enhance the efficiency of a wireless communications system.