

# (12) United States Patent

Damnjanovic et al.

# (54) METHODS AND APPARATUS FOR SUBFRAME INTERLACING IN HETEROGENEOUS NETWORKS

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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 201 days.

This patent is subject to a terminal dis-

claimer.

Appl. No.: 14/978,547

Filed: Dec. 22, 2015 (22)

**Prior Publication Data** (65)

> US 2016/0198462 A1 Jul. 7, 2016

## Related U.S. Application Data

- (63) Continuation of application No. 14/169,142, filed on Jan. 30, 2014, now Pat. No. 9,281,932, which is a (Continued)
- (51) Int. Cl. H04W 72/04 H04W 16/10

(2009.01)(2009.01)

(Continued)

US 10,142,984 B2 (10) Patent No.:

(45) **Date of Patent:** 

\*Nov. 27, 2018

(52) U.S. Cl.

CPC ..... H04W 72/0446 (2013.01); H04J 11/0079 (2013.01); H04L 5/0057 (2013.01);

(Continued)

Field of Classification Search

CPC .... H04L 5/0092; H04W 16/10; H04W 16/14; H04W 72/04

See application file for complete search history.

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#### (57)ABSTRACT

Methods and apparatus for providing wireless communications using subframe partitioning are disclosed. Two or more base stations may be allocated subframes in a radio frame. All or part of the subframe allocation may be provided to the associated user equipment (UEs), which may use it to determine signal metrics during assigned subframes for an associated base station.

# 23 Claims, 26 Drawing Sheets

