

Title (en)

CELL OUTAGE COMPENSATION USING BEST NEIGHBOR CELL CANDIDATE

Title (de)

ZELLAUSFALLKOMPENSIERUNG UNTER VERWENDUNG DES BESTEN NACHBARZELLENKANDIDATEN

Title (fr)

COMPENSATION D'INDISPONIBILITÉ DE CELLULE UTILISANT LA MEILLEURE CANDIDATE PARMI DES CELLULES VOISINES

Publication

EP 3251381 A1 20171206 (EN)

Application

EP 16744065 A 20160127

Priority

- US 201562108482 P 20150127
- US 201562108499 P 20150127
- US 2015052482 W 20150925
- US 2016015233 W 20160127

Abstract (en)

[origin: WO2016123268A1] A process for compensating for cell coverage in a wireless telecommunications network includes identifying an inactive cell, determining candidate cells from a plurality of neighboring cells that neighbor a coverage area of the inactive cell, calculating a compensation metric for each of the candidate cells, each compensation metric being based on a received power level of a respective candidate cell at one or more point, comparing respective compensation metrics for each cell of the candidate cells to compensation metrics of the remaining candidate cells, selecting one or more replacement cell from the candidate cells based on a result of the comparison, and adjusting parameters of the one or more replacement cell to compensate for the inactive cell.

IPC 8 full level

H04W 4/00 (2009.01)

CPC (source: EP KR US)

H04W 16/08 (2013.01 - KR); **H04W 24/02** (2013.01 - EP KR); **H04W 24/04** (2013.01 - KR); **H04W 36/00835** (2018.07 - EP KR US); **H04W 36/0085** (2018.07 - EP KR US); **H04W 16/08** (2013.01 - EP); **H04W 24/04** (2013.01 - EP); **H04W 36/0083** (2013.01 - EP KR US)

Cited by

CN112423306A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016123268 A1 20160804; CN 107211231 A 20170926; EP 3251381 A1 20171206; EP 3251381 A4 20180829; HK 1243272 A1 20180706; KR 20170070191 A 20170621

DOCDB simple family (application)

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