

Title (en)
UNIT CELL NETWORK DESIGN AND OPERATION

Title (de)
EINHEITZELLENNETZWERKDESIGN UND -BETRIEB

Title (fr)
CONCEPTION ET FONCTIONNEMENT DE RÉSEAU DE CELLULES UNITAIRES

Publication
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Application
EP 19844882 A 20190731

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Abstract (en)
[origin: WO2020028523A1] In one embodiment, a signal transduction system includes an arrangement of interacting unit cells. Each unit cell can have one or more adjustable parameters that are adjustable to enable one or more adjustable impedance values of the unit cells at each of one or more operational frequencies. The interactions of the unit cells within the arrangement of the interacting unit cells can be describable with an interaction matrix that is approximately independent of the adjustable impedance values of the unit cells.

IPC 8 full level
H03H 7/38 (2006.01); **H01Q 15/00** (2006.01); **H01Q 15/02** (2006.01); **H03H 3/00** (2006.01); **H03H 7/46** (2006.01); **H04B 17/11** (2015.01); **H01Q 3/44** (2006.01); **H01Q 19/06** (2006.01)

CPC (source: EP KR)
H01Q 15/0086 (2013.01 - EP); **H01Q 15/02** (2013.01 - EP); **H03H 3/00** (2013.01 - KR); **H03H 7/38** (2013.01 - KR); **H03H 7/46** (2013.01 - KR); **H04B 17/11** (2015.01 - KR); **H01Q 3/44** (2013.01 - EP); **H01Q 19/067** (2013.01 - EP)

Citation (search report)
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• [X] US 2010301971 A1 20101202 - YONAK SERDAR H [US], et al
• [X] US 2017141464 A1 20170518 - DRISCOLL TOM [US], et al
• [E] EP 3635970 A1 20200415 - ELWHA LLC [US]
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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

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KR 20210040412 A 20210413

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US 2019044402 W 20190731; CN 201980063716 A 20190731; EP 19844882 A 20190731; KR 20217006412 A 20190731