Title (en)

QUADRATURE IMBALANCE MITIGATION USING UNBIASED TRAINING SEQUENCES

Title (de)

QUADRATURUNGLEICHGEWICHTSMINDERUNG UNTER VERWENDUNG VON NICHT VORBETONTEN TRAININGSSEQUENZEN

Title (fr)

ATTÉNUATION D'UN DÉSÉQUILIBRE EN QUADRATURE À L'AIDE DE SÉQUENCES D'APPRENTISSAGE SANS BIAIS

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Application

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Abstract (en)

[origin: WO2008112585A2] A system and method are provided for transmitting a rotating training sequence. A rotating training signal is generated in quadrature modulation transmitter. The rotating training signal includes training information sent via an in-phase (I) modulation path, as well as training information sent via a quadrature (Q) modulation path. The rotating training signal may be generated by initially sending training information via the I modulation path, and subsequently sending training information via the Q modulation path. The training information sent via the I modulation path may include a first symbol having a reference phase (e.g., 0 degrees or 180 degrees). Then, the training information sent via the Q modulation path would include a second symbol having a phase that is ± 90 from the reference phase.

IPC 8 full level

H04L 27/26 (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2008112587A2

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