

Title (en)

AMPLITUDE-DIFFERENTIAL PHASE SHIFT KEYING MODULATION APPARATUS AND METHOD

Title (de)

VORRICHTUNG UND VERFAHREN FÜR DIFFERENZIELLE AMPLITUDENPHASENMODULATION

Title (fr)

APPAREIL ET PROCÉDÉ DE MODULATION PAR DÉPLACEMENT DE PHASE DIFFÉRENTIELLE-D'AMPLITUDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008069556A1] An amplitude differential shift keying (A-DPSK) modulation apparatus and method, and an A-DPSK demodulation apparatus and method are provided. The A-DPSK modulation apparatus includes: a first modulation unit for DPSK (differential phase shift keying) -modulating a first data sequence; a second modulation unit for ASK (amplitude shift keying)-modulating a second data sequence and inserting pilot signals into the ASK-modulated signal; and a multiplier for multiplying outputs of the first and second modulation units and outputting the multiplication result.

IPC 8 full level

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