

Title (en)

SYSTEMS, DEVICES AND METHODS FOR COMMUNICATING DATA OVER CIRCULARLY PULSE-SHAPED WAVEFORMS

Title (de)

SYSTEME, VORRICHTUNGEN UND VERFAHREN ZUR DATENÜBERTRAGUNG ÜBER KREISFÖRMIG PULSFÖRMIGE WELLENFORMEN

Title (fr)

SYSTÈMES, DISPOSITIFS ET PROCÉDÉS DE COMMUNICATION DE DONNÉES SUR DES FORMES D'ONDES EN FORME D'IMPULSIONS CIRCULAIRES

Publication

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Application

EP 17796939 A 20170512

Priority

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Abstract (en)

[origin: CN109075884A] Circularly pulse-shaped waveforms for communication systems are disclosed herein including a single carrier modulation in which pulse-shaping is performed using a circular convolution by the transmitter for various modulation schemes. A transmitter, related method, and corresponding receiver are also disclosed for demodulation of the single carrier circularly pulse-shaped signal and data extraction.

IPC 8 full level

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