

Title (en)
TRANSPOSITIONAL MODULATION SYSTEMS, METHODS AND DEVICES

Title (de)
TRANSPOSITIONALE MODULATIONSSYSTEME, -VERFAHREN UND -VORRICHTUNGEN

Title (fr)
SYSTÈMES, PROCÉDÉS ET DISPOSITIFS DE MODULATION TRANSPOSITIONNELLE

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Application
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- US 201361794786 P 20130315
- US 201361798120 P 20130315
- US 201361794942 P 20130315
- US 201361794642 P 20130315
- US 2014030704 W 20140317

Abstract (en)
[origin: WO2014145868A2] Systems, methods and devices for transmitting and receiving and demodulating transpositional modulated signals, for increasing information bandwidth of defined communication channels, and for time-delay shifting an input signal in accordance to an input control signal are provided. One such method of increasing the information bandwidth of a defined communication channel includes receiving a first modulated signal having a first carrier signal frequency; receiving a second modulated signal having a second carrier signal frequency, the second modulated signal being modulated with information independent of information modulating the first carrier signal, the second carrier signal frequency being harmonically or sub-harmonically related to the first carrier signal frequency; and combining the first and second signals.

IPC 8 full level
A47L 1/15 (2006.01); **H04L 27/00** (2006.01)

CPC (source: EP)
H04L 27/00 (2013.01)

Citation (search report)

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- [A] US 4989219 A 19910129 - GERDES RICHARD C [US], et al
- [I] US 5200715 A 19930406 - GERDES RICHARD C [US], et al
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- See references of WO 2014145868A2

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BR 112015022595 A2 20170718; CA 2906183 A1 20140918; CN 105229984 A 20160106; CN 105229984 B 20190917; EA 031050 B1 20181130;
EA 201591202 A1 20160429; EP 2967266 A2 20160120; EP 2967266 A4 20170125; HK 1219823 A1 20170413; IL 241003 A0 20151130;
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