

Title (en)  
LEVEL SPACING FOR M-PAM OPTICAL SYSTEMS WITH COHERENT DETECTION

Title (de)  
EBENENBEABSTANDUNG FÜR OPTISCHE M-PAM-SYSTEME MIT KOHÄRENTER DETEKTION

Title (fr)  
ESPACEMENT DE NIVEAU POUR DES SYSTÈMES OPTIQUES DE TYPE M-PAM AVEC DÉTECTION COHÉRENTE

Publication  
**EP 2959614 A1 20151230 (EN)**

Application  
**EP 14707583 A 20140217**

Priority

- US 201361769078 P 20130225
- US 201361772664 P 20130305
- US 201313929757 A 20130627
- US 201314032886 A 20130920
- US 2014016671 W 20140217

Abstract (en)  
[origin: WO2014130386A1] An apparatus includes an optical transmitter configured to provide an optical signal amplitude-modulated among M different levels. A constellation control module is configured to provide a drive signal to control the optical signal. A feedback module is configured to receive a measure of spacing between amplitude peaks of a symbol constellation of the optical signal. The feedback module is further configured to regulate the constellation control module to adjust the optical signal in response to the measure of spacing.

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CPC (source: EP)  
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Citation (search report)  
See references of WO 2014130386A1

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Designated extension state (EPC)  
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