

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**

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- 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.

IPC 8 full level

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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)

BA ME

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