FP:("Innovative Solutions in Space")

3 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 1 Machine translation

1. WO/2012/050438 SATELLITE COMMUNICATION SYSTEM FOR RETRIEVING A PLURALITY OF MODULATED SIGNALS HAVING A CONSTANT MODULUS — WO - 19.04.2012

Int.Class H04B 7/185 **Appl.No** PCT/NL2011/050684 **Applicant** ISIS - INNOVATIVE SOLUTIONS IN SPACE B.V. **Inventor** PÉTER-CONTESSE, Hervé

The invention relates to a satellite system for retrieving a plurality of modulated source signals having a constant modulus and comprises a plurality of antennas wherein each antenna is configured to receive the plurality of modulated source signals and convert the received plurality of modulated source signals in an antenna signal vector. The satellite system further comprises a combiner configured to combine a plurality of antenna signal vectors into a single signal matrix and a signal separator configured to separate the single signal matrix into a plurality of separated modulated source signals by means of a constant modulus algorithm. The invention further relates to a tracking system and a method for retrieving the plurality of modulated source signals using the satellite system according to the invention.

2. 2005532 SATELLITE SYSTEM FOR RETRIEVING MODULATED SIGNALS. — NL - 17.04.2012

Int.Class H04B 7/185 **Appl.No** 2005532 **Applicant** ISIS INNOVATIVE SOLUTIONS IN SPACE B V **Inventor** PETER-CONTESSE HERVE

3. 2628256 SATELLITE COMMUNICATION SYSTEM FOR RETRIEVING A PLURALITY OF MODULATED SIGNALS HAVING A CONSTANT MODULUS — EP - 21.08.2013

Int.Class H04B 7/185 **Appl.No** 11770558 **Applicant** ISIS INNOVATIVE SOLUTIONS IN SPACE B V **Inventor** PETER-CONTESSE HERVE

The invention relates to a satellite system for retrieving a plurality of modulated source signals having a constant modulus and comprises a plurality of antennas wherein each antenna is configured to receive the plurality of modulated source signals and convert the received plurality of modulated source signals in an antenna signal vector. The satellite system further comprises a combiner configured to combine a plurality of antenna signal vectors into a single signal matrix and a signal separator configured to separate the single signal matrix into a plurality of separated modulated source signals by means of a constant modulus algorithm. The invention further relates to a tracking system and a method for retrieving the plurality of modulated source signals using the satellite system according to the invention.

1 / 1