

Title (en)

A DECOMPOSITION TRANSMITTING SYSTEM AND METHOD FOR IMPROVING EFFICIENCY AND LINEARITY

Title (de)

ZERLEGUNGSÜBERTRAGUNGSSYSTEM UND VERFAHREN ZUR VERBESSERUNG DER EFFIZIENZ UND LINEARITÄT

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRANSMISSION DE DÉCOMPOSITION DESTINÉS À AMÉLIORER L'EFFICACITÉ ET LA LINÉARITÉ

Publication

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Application

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Abstract (en)

[origin: WO2011112129A1] The present invention discloses a decomposition transmitting system comprising a data source block, a digital processing block, an amplifying block, a combining block, and an outputting block/monitor, the digital processing block comprising: one or more digital processing sub-blocks, each digital processing sub-block being configured to perform a mathematical transformation on its input signal, to decompose a signal from the data source block into a plurality of transformed signals, and each of the plurality of transformed signals being output to a corresponding input of the amplifying block, whereby the efficiency and linearity of the decomposition transmitting system are improved. A decomposition transmitting method is also disclosed.

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Citation (search report)

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