

Title (en)

METHOD AND DEVICE FOR FUSING PARTITIONED CORRELATED SIGNALS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR FUSION PARTITIONIERT KORRELIERTER SIGNALE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FUSIONNER DES SIGNAUX CORRÉLÉS DE MANIÈRE PARTITIONNÉE

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Application

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Abstract (en)

[origin: WO2012123545A1] The present invention relates to a method, a device, a computer program product, and a navigation system for determining a piece of navigation information for an object, preferably a moving object, in particular a vehicle or aircraft, on the basis of source signals (1...K) of at least two sensors, which provide information about a navigation state of the object. Source signals are received in the form of average and covariance pairs, of which at least two can be partitioned into a potentially correlated part and an uncorrelated part. The target signal is transmitted, for example in the form of an average and covariance pair, and so a reaction of a physical system that receives the target signal is enabled.

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