

Title (en)

COMMUNICATION DEVICE AND METHOD FOR JOINT OFFSET ESTIMATION

Title (de)

KOMMUNIKATIONSVORRICHTUNG UND VERFAHREN FÜR GEMEINSAME VERSATZSCHÄTZUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMUNICATION PERMETTANT D'ESTIMER UN DÉCALAGE CONJOINT

Publication

EP 3262803 A1 20180103 (EN)

Application

EP 15787523 A 20151023

Priority

EP 2015074575 W 20151023

Abstract (en)

[origin: WO2017067601A1] A communication device (10) for determining a timing offset and a frequency offset of a received signal, received through a communication channel is provided. The communication device (10) comprises a cross correlator (12), configured to perform a cross correlation of channel estimates of the communication channel, and thereby determine at least two cross correlation matrix. Moreover, the communication device (10) comprises a joint estimator (13), configured to jointly estimate the timing offset and the frequency offset of the received signal based upon the determined at least two cross correlation matrix.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017067601A1

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