

Title (en)

METHOD AND SYSTEM FOR JAMMING AN OFDM OPERATED UNMANNED AERIAL VEHICLE

Title (de)

VERFAHREN UND SYSTEM ZUM STÖREN EINES OFDM-BETRIEBENEN UNBEMANNTEN LUFTFAHRZEUGS

Title (fr)

PROCÉDÉ ET SYSTÈME DE BROUILLAGE D'UN VÉHICULE AÉRIEN SANS PILOTE OPÉRÉ PAR OFDM

Publication

**EP 3972162 A1 20220323 (EN)**

Application

**EP 20196494 A 20200916**

Priority

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Abstract (en)

The invention relates to a method of jamming an OFDM operated unmanned aerial vehicle (12), wherein the method comprises the steps of:- Receiving at least one OFDM stream having several OFDM symbols by means of at least one receiver (16), thereby obtaining a received signal,- Delaying the received signal by a delay time by means of at least one delay module (26), thereby generating a delayed signal,- Forwarding the delayed signal to at least one transmitter (20), and- Transmitting at least one part of the delayed signal by means of the transmitter (20), wherein the delayed signal is associated with the OFDM stream received, and wherein at least one cyclic prefix of an OFDM symbol is transmitted by the transmitter (20).Furthermore, a system (10) for jamming an OFDM operated unmanned aerial vehicle (12) is described.

IPC 8 full level

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CPC (source: EP)

**H04K 3/46** (2013.01); **H04K 3/92** (2013.01); **H04K 3/28** (2013.01); **H04K 3/43** (2013.01); **H04K 2203/22** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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