

Title (en)

ELECTRONIC WARFARE SYSTEM WITH DATA LINK COMMUNICATIONS CAPABILITIES

Title (de)

ELEKTRONISCHES KAMPFFÜHRUNGSSYSTEM MIT DATENVERBINDUNGSKOMMUNIKATIONSFÄHIGKEITEN

Title (fr)

SYSTÈME DE GUERRE ÉLECTRONIQUE AVEC DES CAPACITÉS DE COMMUNICATION DE LIAISON DE DONNÉES

Publication

EP 3098990 A1 20161130 (EN)

Application

EP 16155600 A 20160212

Priority

- EP 15169107 A 20150526
- EP 16155600 A 20160212

Abstract (en)

Disclosed herein is an electronic warfare system (1,2), configured to operate in an electronic warfare mode and comprising processing means (14), that are configured to: receive an incoming analog signal; convert the incoming analog signal into an incoming digital signal; and, when the electronic warfare system (1,2) operates in said electronic warfare mode, perform a predefined electronic support measure or countermeasure function on the basis of the incoming digital signal. The electronic warfare system (1,2) is characterized by being further configured to operate in a data link communications mode, wherein the processing means (14) are further configured, when the electronic warfare system (1,2) operates in said data link communications mode, to perform a data link communications function by carrying out: a predefined digital demodulation on the basis of the incoming digital signal so as to extract information symbols carried by said incoming digital signal; and a predefined digital modulation by producing a communication digital signal carrying information symbols to be transmitted.

IPC 8 full level

H04K 3/00 (2006.01)

CPC (source: EP)

H04K 3/28 (2013.01); **H04K 3/46** (2013.01)

Citation (applicant)

- US 8659453 B1 20140225 - LOW NATHAN E [US], et al
- US 7482967 B2 20090127 - BEHARRELL GEORGE PETER [GB]
- WO 2015132772 A2 20150911 - SIE SOC IT ELETTRONICA [IT]

Citation (search report)

- [X] US 2007116093 A1 20070524 - KARLSSON LARS [US]
- [X] US 2006264168 A1 20061123 - CORBETT BLAISE L [US], et al
- [I] US 2009251354 A1 20091008 - ZAHAVI DOV [IL]

Cited by

CN110138496A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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