

Title (en)  
TELECOMMUNICATIONS METHOD WITH PHASE-OFFSET POLAR CONSTELLATION FOR REDUCING PAPR, AND CORRESPONDING DEVICES

Title (de)  
TELEKOMMUNIKATIONSVERFAHREN MIT POLARER KONSTELLATION MIT PHASENVERSCHIEBUNG ZUR PAPR-REDUKTION UND ENTSPRECHENDE VORRICHTUNGEN

Title (fr)  
PROCÉDÉ DE TÉLÉCOMMUNICATION AVEC CONSTELLATION POLAIRE DÉPHASÉE POUR DIMINUTION DU PAPR ET DISPOSITIFS CORRESPONDANT

Publication  
**EP 4208989 A1 20230712 (FR)**

Application  
**EP 21778170 A 20210901**

Priority  
• FR 2008865 A 20200901  
• FR 2021051505 W 20210901

Abstract (en)  
[origin: WO2022049343A1] The invention relates to a telecommunications method with transmission of a multicarrier symbol (Xofdm) constructed from points of a polar constellation that are modulated in blocks (IFFT) with control (Ct\_PAPR) of at least one phase rotation vector of one of these modulated blocks of points in order to reduce the PAPR of the transmitted multicarrier symbol.

IPC 8 full level  
**H04L 27/26** (2006.01); **H04L 27/34** (2006.01)

CPC (source: EP KR US)  
**H04L 27/2621** (2013.01 - EP KR US); **H04L 27/2628** (2013.01 - KR); **H04L 27/34** (2013.01 - EP); **H04L 27/3411** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2022049343A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**FR 3113805 A1 20220304**; CN 116097627 A 20230509; EP 4208989 A1 20230712; JP 2023539310 A 20230913; KR 20230078634 A 20230602; US 2023327935 A1 20231012; WO 2022049343 A1 20220310

DOCDB simple family (application)  
**FR 2008865 A 20200901**; CN 202180053687 A 20210901; EP 21778170 A 20210901; FR 2021051505 W 20210901; JP 2023513817 A 20210901; KR 20237007520 A 20210901; US 202118042523 A 20210901