

Title (en)  
METHOD AND APPARATUS FOR TRANSMISSION OF DOWNLINK SIGNAL FOR INITIAL ACCESS IN A WIRELESS COMMUNICATION SYSTEM

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR ÜBERTRAGUNG EINES DOWNLINK-SIGNALS FÜR ANFÄNGLICHEN ZUGRIFF IN EINEM DRAHTLOSKOMMUNIKATIONSSYSTEM

Title (fr)  
PROCÉDÉ ET APPAREIL DE TRANSMISSION DE SIGNAL DE LIAISON DESCENDANTE POUR UN ACCÈS INITIAL DANS UN SYSTÈME DE COMMUNICATION SANS FIL

Publication  
**EP 4115544 A4 20230809 (EN)**

Application  
**EP 21796991 A 20210428**

Priority  

- US 202063016597 P 20200428
- US 202063016619 P 20200428
- US 202063050528 P 20200710
- US 202063050551 P 20200710
- US 202017125851 A 20201217
- KR 20210054639 A 20210427
- KR 2021005396 W 20210428

Abstract (en)  
[origin: WO2021221468A1] The present disclosure relates to a 5G communication system or a 6G communication system for supporting higher data rates beyond a 4G communication system such as long term evolution (LTE). According to embodiments of the disclosure, a synchronization signal block (SSB) including a primary synchronization signal (PSS), a secondary synchronization signal (SSS), a physical broadcast channel (PBCH) may be transmitted using first and second beams. One or more symbols adjoining the first and second synchronization signals may be configured to accommodate a beam switching time.

IPC 8 full level  
**H04J 11/00** (2006.01); **H04B 7/06** (2006.01); **H04W 48/16** (2009.01)

CPC (source: EP)  
**H04B 7/0695** (2013.01); **H04J 11/0073** (2013.01); **H04J 11/0076** (2013.01); **H04W 48/16** (2013.01)

Citation (search report)  

- [Y] US 2018343155 A1 20181129 - ZENG KUN [CN], et al
- [Y] US 2018176065 A1 20180621 - DENG TAO [US], et al
- See references of WO 2021221468A1

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

DOCDB simple family (publication)  
**WO 2021221468 A1 20211104**; CN 115462011 A 20221209; EP 4115544 A1 20230111; EP 4115544 A4 20230809

DOCDB simple family (application)  
**KR 2021005396 W 20210428**; CN 202180031939 A 20210428; EP 21796991 A 20210428