

Title (en)  
GRANT FREE RESOURCE MANAGEMENT

Title (de)  
BERECHTIGUNGSFREIE RESSOURCENVERWALTUNG

Title (fr)  
GESTION DE RESSOURCES SANS AUTORISATION

Publication  
**EP 3861809 A1 20210811 (EN)**

Application  
**EP 19779044 A 20191004**

Priority  

- EP 18198975 A 20181005
- EP 19171667 A 20190429
- EP 2019076939 W 20191004

Abstract (en)  
[origin: WO2020070297A1] A method (100) for managing grant free resources for a plurality of user equipments, the method comprising: splitting (110) the bandwidth BW of the grant free resources into a plurality of subchannels SC to be used by each of the plurality of user equipments for a respective transmission to obtain a subchannel SC configuration; computing (120) a transmission position within the subchannel SC configuration by using a transmission counter or a counter mapped to an (temporary) ID of the respective user equipment of the plurality of user equipments, wherein the step of computing (120) is performed by the respective user equipment of the plurality of user equipments; and rotating/hopping/shifting (130) a colliding transmission position over the plurality of subchannels SC of the subchannel SC configuration.

IPC 8 full level  
**H04W 72/04** (2009.01); **H04L 5/00** (2006.01)

CPC (source: EP)  
**H04L 5/0037** (2013.01); **H04L 5/0092** (2013.01); **H04W 72/0453** (2013.01); **H04L 5/0007** (2013.01)

Citation (search report)  
See references of WO 2020070297A1

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)  
**WO 2020070297 A1 20200409**; EP 3861809 A1 20210811

DOCDB simple family (application)  
**EP 2019076939 W 20191004**; EP 19779044 A 20191004