

Title (en)

DEVICE-TO-DEVICE (D2D) COMMUNICATION MANAGEMENT TECHNIQUES

Title (de)

VERFAHREN ZUR D2D-KOMMUNIKATIONSVERWALTUNG

Title (fr)

TECHNIQUES DE GESTION DE COMMUNICATION DE DISPOSITIF À DISPOSITIF (D2D)

Publication

EP 3811706 A1 20210428 (EN)

Application

EP 19737357 A 20190618

Priority

- US 201816014799 A 20180621
- US 2019037796 W 20190618

Abstract (en)

[origin: WO2019246146A1] Methods and apparatuses are provided which may be used in a base station and/or user equipment (UE) to support or otherwise provide device-to-device (D2D) communication in a shared radio frequency spectrum between candidate UEs. For example, a base station may determine that a first UE and a second UE are candidates for D2D communication, and provide and indicate that a Grant-free Uplink (GUL) resource allocation for D2D communication between the first and second UEs. The base station may further monitor the D2D communication.

IPC 8 full level

H04W 72/04 (2009.01); **H04W 76/14** (2018.01); **H04W 76/30** (2018.01)

CPC (source: EP)

H04W 72/04 (2013.01); **H04W 72/23** (2023.01); **H04W 76/14** (2018.02); **H04W 76/30** (2018.02)

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 2019246146 A1 20191226; CN 112314030 A 20210202; CN 112314030 B 20240405; EP 3811706 A1 20210428

DOCDB simple family (application)

US 2019037796 W 20190618; CN 201980040756 A 20190618; EP 19737357 A 20190618