

Title (en)
SCHEDULING IN A BASIC SERVICE SET

Title (de)
PLANUNG IN EINEM BASISDIENSTSATZ

Title (fr)
ORDONNANCEMENT DANS UN ENSEMBLE DE SERVICES DE BASE

Publication
EP 4186310 A4 20240710 (EN)

Application
EP 21846861 A 20210723

Priority
• US 202063055520 P 20200723
• US 2021043004 W 20210723

Abstract (en)
[origin: WO2022020735A1] Methods, apparatuses, and computer readable media for scheduling in a basic service set (BSS) are disclosed. Apparatuses of a station (STA) are disclosed, where the apparatuses comprise processing circuitry configured to decode a first frame from an access point (AP), the first frame including an indication of service periods, and during a service period of the service periods, decode a trigger frame, the trigger frame indicating an uplink (UL) resource allocation for the STA to transmit an indication of a buffer status of the STA to the AP. The processing circuitry is further configured to encode a second frame, the second frame comprising an indication of the buffer status of the STA, configure the STA to transmit the second frame, in accordance with the UL resource allocation, and decode a third frame, the third frame including an indication of a doze state duration for the STA.

IPC 8 full level
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CPC (source: EP)
H04W 28/0278 (2013.01); **H04W 40/005** (2013.01); **H04W 74/04** (2013.01); **H04W 72/543** (2023.01); **H04W 84/12** (2013.01); **Y02D 30/70** (2020.08)

Citation (search report)
• [A] US 2019045438 A1 20190207 - CARIOU LAURENT [US], et al
• [XYI] BAI JIYANG ET AL: "An adaptive grouping scheme in ultra-dense IEEE 802.11ax network using buffer state report based two-stage mechanism", CHINA COMMUNICATIONS, CHINA INSTITUTE OF COMMUNICATIONS, PISCATAWAY, NJ, USA, vol. 16, no. 9, 1 September 2019 (2019-09-01), pages 31 - 44, XP011747817, ISSN: 1673-5447, [retrieved on 20190927], DOI: 10.23919/JCC.2019.09.003
• [YA] LAURENT CARIOU (INTEL): "CR for NFRP", vol. 802.11ax, no. 1, 8 May 2019 (2019-05-08), pages 1 - 10, XP068151004, Retrieved from the Internet <URL:https://mentor.ieee.org/802.11/dcn/19/11-19-0414-01-00ax-cr-for-nfrp.docx> [retrieved on 20190508]
• See references of WO 2022020735A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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