



(51) International Patent Classification:
H04L 5/00 (2006.01)

(21) International Application Number:
PCT/EP2024/069648

(22) International Filing Date:
11 July 2024 (11.07.2024)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/518,380 09 August 2023 (09.08.2023) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: CONTROL RESOURCE SET#0 PUNCTURING CONTROL

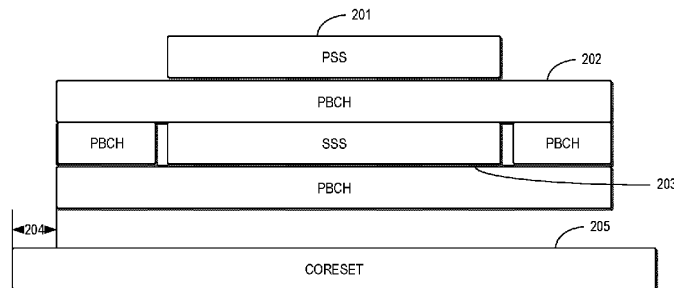


FIG. 2

(57) Abstract: Embodiments of the present disclosure relate to apparatuses, methods, and computer readable storage media for controlling a control resource set (CORESET) #0 puncturing. The method comprises determining, at a first apparatus, based at least on detection of a synchronization signal block, received from a second apparatus, on a specific frequency location, whether a CORESET of a specific type is punctured, wherein a portion of resources punctured in the CORESET of the specific type are incapable of carrying downlink control information; in accordance with a determination that the CORESET of the specific type is punctured, obtaining a CORESET puncturing pattern; and determining the portion of resources punctured in the CORESET at least based on the CORESET puncturing pattern. Furthermore, the method comprises indicating, from a second apparatus to a first apparatus, that a CORESET of a specific type is punctured by transmitting a synchronization signal block on a specific frequency location.

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SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report (Art. 21(3))*
- *in black and white; the international application as filed
contained color or greyscale and is available for download
from PATENTSCOPE*