

Title (en)

DOWNLINK CONTROL INFORMATION-BASED PAGING EARLY INDICATOR

Title (de)

AUF DOWNLINK-STEUERUNGSINFORMATIONEN BASIERENDER PAGING-FRÜHINDIKATOR

Title (fr)

INDICATEUR PRÉCOCE DE RADIOMESSAGERIE À BASE D'INFORMATIONS DE COMMANDE DE LIAISON DESCENDANTE

Publication

EP 4173386 A1 20230503 (EN)

Application

EP 21838600 A 20210708

Priority

- US 202063049189 P 20200708
- CN 2021105158 W 20210708

Abstract (en)

[origin: WO2022007876A1] A method of introducing a Downlink Control Information (DCI) -based early paging indication (PEI) for power consumption enhancements in a 5G/NR network is proposed. In particular, a Base Station (BS) can transmit a message including a PEI to a User Equipment (UE) when the UE is under an idle ode. Then, the UE can receive the PEI under the idle mode and determine whether to monitor a Paging Occasion (PO) according to the PEI. In some embodiments, a format of the message including the PEI can include a format of DCI.

IPC 8 full level

H04W 68/02 (2009.01)

CPC (source: EP)

H04W 68/025 (2013.01); **Y02D 30/70** (2020.08)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022007876 A1 20220113; CN 115702593 A 20230214; EP 4173386 A1 20230503; EP 4173386 A4 20240814

DOCDB simple family (application)

CN 2021105158 W 20210708; CN 202180044150 A 20210708; EP 21838600 A 20210708