

Title (en)

TILE LOCATION AND/OR CYCLE BASED WEIGHT SET SELECTION FOR BASE CALLING

Title (de)

KACHELSTANDORT- UND/ODER ZYKLUSBASIERTE GEWICHTSSATZAUSWAHL FÜR BASISANRUF

Title (fr)

SÉLECTION D'ENSEMBLES DE POIDS BASÉE SUR L'EMPLACEMENT D'UN ÉLÉMENT ET/OU LE CYCLE POUR APPEL DE BASE

Publication

EP 4309179 A1 20240124 (EN)

Application

EP 22714689 A 20220315

Priority

- US 202163161880 P 20210316
- US 202163161896 P 20210316
- US 202217687551 A 20220304
- US 202217687583 A 20220304
- US 2022020460 W 20220315

Abstract (en)

[origin: CA3183567A1] A method of quantizing parameters of a neural network includes grouping a plurality of parameters of a neural network in a plurality of groups. Each group of the plurality of groups includes corresponding two or more parameters of the plurality of parameters. In an example, for each group, a corresponding quantization format is selected from a plurality of available quantization formats, such that a first quantization format selected for at least a first group is different from a second quantization format selected for at least a second group. For each group, individual parameters within the corresponding group are quantized using the quantization format selected for the corresponding group. The quantized parameters of the plurality of groups are stored in a memory.

IPC 8 full level

G16B 30/00 (2019.01); **G16B 40/20** (2019.01)

CPC (source: EP IL KR)

G06N 3/045 (2023.01 - EP IL KR); **G06N 3/048** (2023.01 - IL KR); **G06N 3/063** (2013.01 - EP IL KR); **G16B 30/00** (2019.02 - EP IL KR); **G16B 40/20** (2019.02 - EP IL KR); **G06N 3/048** (2023.01 - EP)

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)

AU 2022237501 A1 20230202; AU 2022238841 A1 20230202; CA 3183567 A1 20220922; CA 3183581 A1 20220922;
CN 115699019 A 20230203; CN 115803815 A 20230314; EP 4309080 A1 20240124; EP 4309179 A1 20240124; IL 299077 A 20230201;
JP 2024510539 A 20240308; KR 20230157230 A 20231116

DOCDB simple family (application)

AU 2022237501 A 20220315; AU 2022238841 A 20220315; CA 3183567 A 20220315; CA 3183581 A 20220315; CN 202280005057 A 20220315;
CN 202280005111 A 20220315; EP 22714689 A 20220315; EP 22714690 A 20220315; IL 29907722 A 20221213; JP 2022580969 A 20220315;
KR 20227045560 A 20220315