

Title (en)

PROCESSING COMPUTATIONAL MODELS IN PARALLEL

Title (de)

PARALLELE VERARBEITUNG VON RECHENMODELLEN

Title (fr)

TRAITEMENT DE MODÈLES DE CALCUL EN PARALLÈLE

Publication

**EP 3918477 A1 20211208 (EN)**

Application

**EP 20749721 A 20200131**

Priority

- US 201962799797 P 20190201
- KR 20190163982 A 20191210
- KR 2020001449 W 20200131

Abstract (en)

[origin: KR20200096102A] The present disclosure relates to an artificial intelligence chip for processing the computation of a machine learning model, and more particularly, to a compute node and a method for processing a computation model in parallel by using a plurality of compute nodes. The compute node comprises a communication interface, a memory and a processor. According to the present invention, effective learning and inference can be performed overall in a device.

IPC 8 full level

**G06F 9/50** (2006.01); **G06F 13/16** (2006.01)

CPC (source: EP KR)

**G06F 9/505** (2013.01 - KR); **G06F 9/5066** (2013.01 - KR); **G06F 13/1652** (2013.01 - KR); **G06N 3/04** (2013.01 - EP); **G06N 3/08** (2013.01 - EP); **G06N 3/063** (2013.01 - 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

DOCDB simple family (publication)

EP 3918477 A1 20211208; EP 3918477 A4 20220810; KR 20200096102 A 20200811

DOCDB simple family (application)

EP 20749721 A 20200131; KR 20190163982 A 20191210