Title (en)

ELECTRONIC APPARATUS AND CONTROL METHOD THEREOF

Title (de)

ELEKTRONISCHE VORRICHTUNG UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

APPAREIL ÉLECTRONIQUE ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

EP 3746952 A4 20210421 (EN)

Application

EP 19811501 A 20190329

Priority

- KR 20180062058 A 20180530
- KR 20180120298 A 20181010
- KR 2019003719 W 20190329

Abstract (en)

[origin: KR20190136891A] Disclosed is an electronic device for executing artificial intelligence algorithm. The electronic device can comprise: a storage in which input data and a plurality of pieces of second kernel data obtained from first kernel data are stored; and a processor performing a convolution operation on each of the plurality of pieces of second kernel data with input data to obtain data in which a part of the input data is upscaled by the first kernel data, wherein each of the plurality of pieces of second kernel data can include different first kernel elements among a plurality of first kernel elements included in the first kernel data.

IPC 8 full level

G06N 20/00 (2019.01); **G06F 17/15** (2006.01); **G06N 3/04** (2006.01); **G06N 3/063** (2006.01); **G06N 3/08** (2006.01)

CPC (source: EP)

G06F 17/153 (2013.01); **G06N 3/045** (2023.01); **G06N 3/063** (2013.01)

Citation (search report)

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- [Y] US 2016179434 A1 20160623 - HERRERO ABELLANAS ENRIC [ES], et al
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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)

CN 112106080 A 20201218; EP 3746952 A1 20201209; EP 3746952 A4 20210421; KR 20190136891 A 20191210

DOCDB simple family (application)

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