

Title (en)
ELECTRONIC DEVICE AND METHOD

Title (de)
ELEKTRONISCHE VORRICHTUNG UND VERFAHREN

Title (fr)
DISPOSITIF ÉLECTRONIQUE ET PROCÉDÉ

Publication
EP 4374335 A1 20240529 (EN)

Application
EP 22751033 A 20220712

Priority
• EP 21186494 A 20210719
• EP 2022069457 W 20220712

Abstract (en)
[origin: WO2023001636A1] An electronic device (103) comprising circuitry configured to obtain depth data; perform (504) classification of the depth data by an artificial neural network, ANN, to determine classification information for the depth data, perform an intended functionality if a primary criterion or secondary criterion is fulfilled; determine that the primary criterion for performing the intended functionality is fulfilled based on the classification information obtained by the ANN; determine that the secondary criterion for performing the intended functionality is fulfilled based on a secondary mechanism.

IPC 8 full level
G06V 20/50 (2022.01); **G06N 3/04** (2023.01); **G06N 3/08** (2023.01)

CPC (source: EP)
G06N 3/0464 (2023.01); **G06N 3/048** (2023.01); **G06N 3/09** (2023.01); **G06V 20/50** (2022.01)

Citation (search report)
See references of WO 2023001636A1

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 2023001636 A1 20230126; EP 4374335 A1 20240529

DOCDB simple family (application)
EP 2022069457 W 20220712; EP 22751033 A 20220712