

Title (en)

METHOD, COMPUTER PROGRAM, STORAGE MEDIUM, PERSON DETECTOR AND SURVEILLANCE ARRAY FOR PERSON DETECTION

Title (de)

VERFAHREN, COMPUTERPROGRAMM, SPEICHERMEDIUM, PERSONENDETEKTOR UND ÜBERWACHUNGSANORDNUNG ZUR PERSONENERKENNUNG

Title (fr)

PROCÉDÉ, PROGRAMME INFORMATIQUE, SUPPORT DE STOCKAGE, DÉTECTEUR DE PERSONNE ET RÉSEAU DE SURVEILLANCE POUR LA DÉTECTION DE PERSONNES

Publication

**EP 4305610 A1 20240117 (DE)**

Application

**EP 22713340 A 20220302**

Priority

- DE 102021202294 A 20210310
- EP 2022055299 W 20220302

Abstract (en)

[origin: WO2022189231A1] Method for domain-specific person detection, wherein: - a surveillance region (1) is surveilled by means of one or more cameras (2a, b, c, d); - the cameras (2a, b, c, d) each provide image data for a surveillance sub-region (3a, b, c, d); - a person detector can be operated in a detection mode and in an adaptation mode; - the person detector has a machine learning algorithm based on an original model for analysing the image data and for detecting persons in the surveillance region (1); - for the adaptation mode, the surveillance region (1) is temporarily restricted to a limited surveillance region (4); - the image data from the limited surveillance region (4) are recorded; - based on the image data of the limited surveillance region (4), a domain adaptation of the original model to an application model takes place; - in the detection mode, the machine learning algorithm adapted to the application model is used for analysis of the image data, for person detection and/or for person tracking.

IPC 8 full level

**G08B 13/196** (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)

**G08B 13/19645** (2013.01); **G08B 29/186** (2013.01); **G08B 13/19613** (2013.01)

Citation (search report)

See references of WO 2022189231A1

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)

**DE 102021202294 A1 20220915**; EP 4305610 A1 20240117; WO 2022189231 A1 20220915

DOCDB simple family (application)

**DE 102021202294 A 20210310**; EP 2022055299 W 20220302; EP 22713340 A 20220302