

Title (en)

REPORTING FOR MACHINE LEARNING MODEL UPDATES

Title (de)

BERICHTERSTATTUNG FÜR MASCHINENLERNMODELLAKTUALISIERUNGEN

Title (fr)

RAPPORT CONCERNANT DES MISES À JOUR DE MODÈLE D'APPRENTISSAGE AUTOMATIQUE

Publication

EP 4327251 A1 20240228 (EN)

Application

EP 22715237 A 20220315

Priority

- US 202163177180 P 20210420
- US 202217694467 A 20220314
- US 2022020355 W 20220315

Abstract (en)

[origin: WO2022225627A1] A receiver receives, from a transmitter, a reference neural network. The receiver trains the reference neural network to obtain updated neural network parameters for the reference neural network. The receiver reports to the transmitter in response to a trigger, a difference between the updated neural network parameters and previous neural network parameters for the reference neural network. The trigger may be based on a loss function, a magnitude of the difference between the updated neural network parameters and the previous neural network parameters, and/or a difference between performance of the reference neural network with the updated neural network parameters and performance of the reference neural network with the previous neural network parameters.

IPC 8 full level

G06N 3/08 (2023.01); **G06N 3/04** (2023.01); **H04L 67/00** (2022.01)

CPC (source: EP KR)

G06N 3/045 (2023.01 - EP); **G06N 3/0464** (2023.01 - KR); **G06N 3/084** (2013.01 - EP); **H04L 41/082** (2013.01 - KR); **H04L 41/16** (2013.01 - KR); **H04L 43/065** (2013.01 - KR); **H04W 4/70** (2018.02 - EP); **H04W 24/02** (2013.01 - KR); **G06N 3/044** (2023.01 - EP); **G06N 3/088** (2013.01 - EP); **G06N 7/01** (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)

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