

Title (en)

AUTONOMOUS SELF-LEARNING SYSTEM

Title (de)

AUTONOMES SELBSTLERNENDES SYSTEM

Title (fr)

SYSTÈME AUTONOME À APPRENTISSAGE AUTOMATIQUE

Publication

EP 3931761 A1 20220105 (DE)

Application

EP 20709525 A 20200302

Priority

- DE 102019105281 A 20190301
- EP 2020055427 W 20200302

Abstract (en)

[origin: WO2020178232A1] Disclosed according to the invention is a method for controlling a technical system using a first agent (S), wherein: the first agent (S) implements a first artificial neural network (NN1); a first input vector (x) of the first neural network (NN1) and a current state (ht) of the first neural network (NN1) are converted together into a new state (ht+1) of the first neural network (NN1); from the new state (ht+1) of the first neural network (NN1) a first output vector (y) of the first neural network (NN1) is generated; a second input vector (e) representing an emotion is additionally fed to the first agent, said vector being taken into consideration during the conversion of the neural network into the new state; and a second output vector (e') representing an expected emotion of the new state (ht+1) of the first neural network (NN1), is generated.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020178232A1

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Designated extension state (EPC)

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