Title (en)

HYBRID REWARD ARCHITECTURE FOR REINFORCEMENT LEARNING

Title (de)

HYBRIDE BELOHNUNGSARCHITEKTUR FÜR VERSTÄRKUNGSLERNEN

Title (fr)

ARCHITECTURE DE RÉCOMPENSE HYBRIDE POUR APPRENTISSAGE PAR RENFORCEMENT

Publication

EP 3625731 A1 20200325 (EN)

Application

EP 18723249 A 20180421

Priority

- US 201762508340 P 20170518
- US 201762524461 P 20170623
- US 201715634914 A 20170627
- US 2018028743 W 20180421

Abstract (en)

[origin: WO2018212918A1] Aspects provided herein are relevant to machine learning techniques, including decomposing single-agent reinforcement learning problems into simpler problems addressed by multiple agents. Actions proposed by the multiple agents are then aggregated using an aggregator, which selects an action to take with respect to an environment. Aspects provided herein are also relevant to a hybrid reward model.

IPC 8 full level

G06N 3/00 (2006.01); **G06N 3/04** (2006.01); **G06N 3/08** (2006.01)

CPC (source: EP)

G06N 3/006 (2013.01); **G06N 3/045** (2023.01); **G06N 3/08** (2013.01); **G06N 7/01** (2023.01)

Citation (search report)

See references of WO 2018212918A1

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)

WO 2018212918 A1 20181122; EP 3625731 A1 20200325

DOCDB simple family (application)

US 2018028743 W 20180421; EP 18723249 A 20180421