

Title (en)  
ONLINE LEARNING AT A NEAR-REAL TIME RIC

Title (de)  
ONLINE-LERNEN IN EINEM NAH-ECHTZEIT-RIC

Title (fr)  
APPRENTISSAGE EN LIGNE À L'AIDE D'UN DISPOSITIF DE COMMANDE D'INTELLIGENCE DE RÉSEAU D'ACCÈS RADIO EN TEMPS QUASI RÉEL

Publication  
**EP 4238289 A1 20230906 (EN)**

Application  
**EP 21887606 A 20211029**

Priority  
• US 202063107307 P 20201029  
• US 2021057274 W 20211029

Abstract (en)  
[origin: WO2022094224A1] An apparatus for a Near real-time (Near-RT) radio access network intelligence controller (RIC) services for artificial intelligence (AI)/machine learning (ML) in an open radio access network (O-RAN), the apparatus including processing circuitry configure to send, to a Near-RT RIC via an R1 interface, an artificial intelligence (AI)/machine learning (ML) training service request, the AI/ML training service request comprising an indication of an AI/ML model structure, training preferences, and a training data description, and receive a training process identification (ID) from the Near-RT RIC, the training process ID identifying the AI/ML training service request. The processing circuitry may be further configured to return, by the training host, results of performing the training host function to the application, and modify, by the application, the AI/ML inference model based on the results.

IPC 8 full level  
**H04L 41/00** (2022.01); **G06N 5/04** (2023.01); **G06N 20/00** (2019.01); **H04L 9/40** (2022.01); **H04W 88/18** (2009.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2022094224A1

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