



US 20240214268A1

(19) **United States**

(12) **Patent Application Publication**
Artemenko et al.

(10) **Pub. No.: US 2024/0214268 A1**

(43) **Pub. Date: Jun. 27, 2024**

(54) **METHOD AND DEVICE FOR OPERATING A COMMUNICATION SYSTEM FOR OPTIMIZING PARAMETERS OF THE COMMUNICATION SYSTEM**

(30) **Foreign Application Priority Data**

Jul. 16, 2021 (DE) 10 2021 207 634.3

(71) Applicant: **Robert Bosch GmbH**, Stuttgart (DE)

Publication Classification

(72) Inventors: **Alexander Artemenko**, Ehningen (DE);
Henrik Klessig, Renningen (DE);
Johannes Von Hoyningen-Huene,
Mielkendorf (DE); **Steven Dietrich**,
Langenau (DE)

(51) **Int. Cl.**
H04L 41/0823 (2006.01)
H04L 1/00 (2006.01)
H04L 41/16 (2006.01)
(52) **U.S. Cl.**
CPC **H04L 41/0836** (2013.01); **H04L 1/0003**
(2013.01); **H04L 41/16** (2013.01)

(21) Appl. No.: **18/557,383**

(22) PCT Filed: **Jun. 27, 2022**

(57) **ABSTRACT**

(86) PCT No.: **PCT/EP2022/067526**

§ 371 (c)(1),

(2) Date: **Oct. 26, 2023**

A method and a device for operating a communication system for optimizing parameters of a configuration of the communication system.

