Title (en)
LOAD MANAGEMENT OF OVERLAPPING CELLS BASED ON USER THROUGHPUT

Title (de)
LASTVERWALTUNG VON ÜBERLAPPENDEN ZELLEN AUF DER BASIS DES BENUTZERDURCHSATZES

Title (fr)
GESTION DE CHARGE DE CELLULES SE CHEVAUCHANT SUR LA BASE D'UN DÉBIT D'UTILISATEUR

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EP 4260601 A1 20231018 (EN)

Application
EP 21707819 A 20210119

Priority
US 2021013988 W 20210119

Abstract (en)
[origin: WO2022159081A1] Systems, methods, and software for load management among a plurality of cells that overlap a sector within a Radio Access Network (RAN). In one embodiment, a system receives, at a machine learning system, input data for a sector of the RAN having a plurality of cells overlapping at the sector. The system processes the input data at the machine learning system to determine recommended load distribution parameters for the sector based on a machine learning model, where the recommended load distribution parameters are configured to maximize an aggregated user throughput of the sector. The system applies the recommended load distribution parameters in the sector to distribute users among the cells.

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