

Title (en)

RESOURCE EFFICIENT DIRECTIONAL EMF POWER LOCK FRAMEWORK AND SCHEME

Title (de)

RESSOURCENEFFIZIENTER DIREKTIONALER EMF-LEISTUNGSVERRIEGELUNGSRAHMEN UND -SCHEMA

Title (fr)

STRUCTURE ET SCHÉMA DE VERROUILLAGE DE LA PUISSANCE EMF DIRECTIONNELLE EFFICACE EN RESSOURCES

Publication

EP 4360367 A1 20240501 (EN)

Application

EP 21736715 A 20210623

Priority

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Abstract (en)

[origin: WO2022269313A1] A method and network node are provided. According to one aspect, a method includes for each of a plurality of transmission time intervals and for each wireless device: mapping a direction indicated by a precoder matrix indication (PMI) to a direction of transmission, accumulating a directional power for each direction indicated by the PMI, and for each of a plurality of control step intervals, and for each of a plurality of directions: applying a directional beam forming gain to an accumulation of the directional power for the direction to produce a weighted directional power of transmission; determining whether the weighted directional power of transmission exceeds a threshold corresponding to the direction, and for each direction for which the weighted directional power of transmission exceeds a corresponding threshold, mapping the direction to a corresponding PMI.

IPC 8 full level

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