

Title (en)

INCREASED FEEDER LINK CAPACITY FOR GEOSYNCHRONOUS SATELLITE COMMUNICATIONS

Title (de)

ERHÖHTE FEEDER-VERBINDUNGSKAPAZITÄT FÜR GEOSYNCHRONE SATELLITENKOMMUNIKATION

Title (fr)

CAPACITÉ DE LIAISON DE CONNEXION AUGMENTÉE POUR DES COMMUNICATIONS PAR SATELLITE GÉOSYNCHRONE

Publication

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Application

EP 22783655 A 20220907

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Abstract (en)

[origin: WO2023039385A1] A system to reduce a count of satellite gateways is disclosed. The system includes: a feeder link capacity of a satellite; a spectrum ranging from 26.5 GHz to 75 GHz; a gateway feeder link capacity that is an aggregate of capacities of channels defined in the spectrum; and RF gateways communicating with the satellite via the channels, wherein the count of the satellite gateways is less than or equal to a rounded-up integer of the feeder link capacity divided by the gateway feeder link capacity, and the satellite is a geosynchronous orbit satellite.

IPC 8 full level

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