

ALLNAMES:(Hiber B.V.)

5 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance

Per page: 10

View: All

1 / 1

Machine translation

1. [20190261215](#) METHOD FOR AVOIDING CONGESTION IN A DATA NETWORK WITH TRANSMITTING DEVICES SUCH AS MODEMS COMMUNICATING WITH SATELLITES BY STATISTICALLY MODIFYING THE TRANSMISSION SLOT OF THE DEVICES US - 22.08.2019

Int.Class [H04L 12/28](#) Appl.No 15982231 Applicant Hiber B.V. Inventor Maarten Johannes Engelen

A method for transmitting data from a population of devices to a relay station travelling with respect to one another. For transmitting the data to the relay station, each device includes at least one transmission slot resulting from a channel access method and a transmission window within which the relay station is to travel. The relay station is to broadcast an instruction to the population of devices before the data transmission, and, upon receiving the instruction, at least part of the population of devices is to set a modified transmission slot.

2. [20200296621](#) METHOD FOR AVOIDING CONGESTION IN A DATA NETWORK WITH TRANSMITTING DEVICES SUCH AS MODEMS COMMUNICATING WITH SATELLITES BY STATISTICALLY MODIFYING THE TRANSMISSION SLOT OF THE DEVICES US - 17.09.2020

Int.Class [H04W 28/02](#) Appl.No 16891357 Applicant Hiber B.V. Inventor Maarten Johannes ENGELN

A method for transmitting data from a population of devices to a relay station travelling with respect to one another. For transmitting the data to the relay station, each device includes at least one transmission slot resulting from a channel access method and a transmission window within which the relay station is to travel. The relay station is to broadcast an instruction to the population of devices before the data transmission, and, upon receiving the instruction, at least part of the population of devices is to set a modified transmission slot.

3. [WO/2019/235918](#) MODEM-SATELLITE TRANSMISSION WITH DOPPLER CORRECTION AND E-SSA DEMODULATION WO - 12.12.2019

Int.Class [H04B 7/185](#) Appl.No PCT/NL2019/050327 Applicant HIBER B.V. Inventor ENGELN, Maarten Johannes

The invention relates to a device in a population of devices on a celestial body for transmitting data to a relay station orbiting said celestial body, said relay station and said population of devices travelling with respect to one another, wherein said relay station receives signals from said population of devices, said signals comprising said data in data packages, wherein said device: - comprises trajectory data of said relay station; - comprises a transmitter using said trajectory data to transmit a signal that is part of said signals; - comprises a data processor and a computer program which, when running on said data processor, calculates a Doppler shift based upon said trajectory data, and - modifies said signal for compensating a Doppler shift of said signal that results from said travelling with respect to one another.

4. [20190372660](#) SATELLITE-MODEM TRANSMISSION WITH DOPPLER CORRECTION AND E-SSA DEMODULATION US - 05.12.2019

Int.Class [H04B 7/216](#) Appl.No 16002848 Applicant Magnitude Space B.V. Inventor Maarten Johannes Engelen

A relay station configured to orbit a celestial body and configured to receive data from a population of devices arranged at the celestial body, the relay station and the devices configured to travel with respect to one another. The relay station includes a receiver configured to receive signals from the devices, the signals including a signal that is part of the signals, the signal including signal data in data packages that are at least part of the data. The relay station also includes a signal-processing device configured to receive the signal from the receiver and extract the signal data from the signal. The signal-processing device is configured to correct the signal for a positive Doppler shift or a negative Doppler shift. The relay station also includes a transmitter configured to transmit the signal data from the signal processing device to a server arranged remotely from the relay station at the celestial body.

5. [20190230040](#) METHOD FOR TRANSMISSION WINDOW OPTIMIZATION BY TRANSMITTING DEVICES SUCH AS MODEMS COMMUNICATING WITH SATELLITES BY ADAPTING TRANSMITTING BEHAVIOR TO THEIR LOCATION US - 25.07.2019

Int.Class [H04B 7/185](#) Appl.No 15982198 Applicant Maarten Johannes Engelen Inventor Maarten Johannes Engelen

A method for determining an optimized transmission window having a first start time and a first end time, for transmitting data from a device to a relay station travelling with respect to one another. The optimized transmission window is determined by the device listening during at least part of the travelling. The device determines the optimized transmission window by starting a receiving mode for receiving a signal from the relay station, setting the first start time when receiving the signal, stopping the receiving mode when reception of the signal stops, and setting the first end time.

