

Title (en)
HOSTED PAYLOAD OPERATIONS

Title (de)
GEHOSTETE NUTZLASTOPERATIONEN

Title (fr)
OPÉRATIONS DE CHARGE UTILE HÉBERGÉES

Publication
EP 3788729 A1 20210310 (EN)

Application
EP 18726894 A 20180504

Priority
US 2018031200 W 20180504

Abstract (en)
[origin: WO2019212571A1] A method for hosted payload operations comprises transmitting, by a hosted payload (HoP) operation center (HOC), encrypted hosted commands to a host spacecraft operations center (SOC). Also, the method comprises transmitting, by the host SOC, encrypted host commands and encrypted hosted commands to a vehicle. In addition, the method comprises reconfiguring a host payload according to unencrypted host commands, and reconfiguring a hosted payload according to unencrypted hosted commands. Additionally, the method comprises transmitting, by a host payload antenna, host payload data to a host receiving antenna. In addition, the method comprises transmitting, by a hosted payload antenna, hosted payload data to a hosted receiving antenna and/or host receiving antenna. Also, the method comprises transmitting, by a telemetry transmitter on the vehicle, encrypted host telemetry and encrypted hosted telemetry to the host SOC. Further, the method comprises transmitting, by the host SOC, the encrypted hosted telemetry to the HOC.

IPC 8 full level
H04B 7/185 (2006.01)

CPC (source: EP)
H04B 7/18519 (2013.01); **H04B 7/18593** (2013.01)

Citation (search report)
See references of WO 2019212571A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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