

Title (en)

SATELLITE DATA ACQUISITION SYSTEM

Title (de)

SATELLITENDATENERFASSUNGSSYSTEM

Title (fr)

SYSTÈME D'ACQUISITION DE DONNÉES PAR SATELLITE

Publication

EP 4347404 A1 20240410 (EN)

Application

EP 22731323 A 20220531

Priority

- IT 202100014213 A 20210531
- IB 2022055076 W 20220531

Abstract (en)

[origin: WO2022254327A1] A data acquisition system for a satellite (10) comprises at least one camera (2), a device for controlling ambient parameters and processing radiofrequency signals (3) and a microprocessor (4). The camera (2) can be activated so as to acquire images of the Earth's surface, generating optical signals representative of those images. The device for controlling ambient parameters and processing radiofrequency signals (3) is interfaceable with a first antenna (11) in order to receive radiofrequency signals and manage the ambient parameters/ attitude of the satellite (10), and a second antenna (12) in order to receive radiofrequency signals interpreted by the microprocessor (4) so as to perform operations on the camera (2) or packet uplink/downlink operations.

IPC 8 full level

B64G 1/10 (2006.01); **B64G 3/00** (2006.01); **H04B 7/185** (2006.01)

CPC (source: EP)

B64G 1/1021 (2013.01); **B64G 1/1028** (2023.08); **B64G 3/00** (2013.01); **H04B 7/18519** (2013.01)

Citation (search report)

See references of WO 2022254327A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022254327 A1 20221208; EP 4347404 A1 20240410; IT 202100014213 A1 20221201

DOCDB simple family (application)

IB 2022055076 W 20220531; EP 22731323 A 20220531; IT 202100014213 A 20210531