

Title (en)  
ELECTRONIC SPATIAL SYSTEM

Title (de)  
ELEKTRONISCHES RAUMSYSTEM

Title (fr)  
SYSTÈME ÉLECTRONIQUE SPATIAL

Publication  
**EP 4377996 A1 20240605 (FR)**

Application  
**EP 22754354 A 20220719**

Priority  
• FR 2108362 A 20210730  
• EP 2022070151 W 20220719

Abstract (en)  
[origin: WO2023006500A1] The invention relates to an electronic spatial system (10) comprising: an electronic circuit (12, 14) that is sensitive to spatial radiation, comprising at least one signal input port and/or at least one signal output port; a signal processing unit (34); an electronic spatial radiation detection unit electrically connected to the signal processing unit (34); and at least one protective switch (24) electrically connected between the electrical ground of the electronic spatial system (10) and at least one out of the signal input or signal output ports of the sensitive electronic circuit (12, 14), and controlled by the signal processing unit (34); said signal processing unit (34) being configured to switch the at least one protective switch (24) to the electrical ground upon detecting an amplitude of a signal that is representative of an amount of spatial radiation greater than a predefined radiation threshold.

IPC 8 full level  
**H01L 23/62** (2006.01); **H02H 3/06** (2006.01); **H02H 5/00** (2006.01); **H03K 17/082** (2006.01)

CPC (source: EP)  
**H01L 23/62** (2013.01); **H02H 5/005** (2013.01); **H03K 17/082** (2013.01); **H03K 2217/0027** (2013.01)

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 2023006500 A1 20230202**; EP 4377995 A1 20240605; EP 4377996 A1 20240605; EP 4377997 A1 20240605; EP 4377998 A2 20240605; WO 2023006495 A1 20230202; WO 2023006498 A1 20230202; WO 2023006501 A2 20230202; WO 2023006501 A3 20230323

DOCDB simple family (application)  
**EP 2022070158 W 20220719**; EP 2022070144 W 20220719; EP 2022070151 W 20220719; EP 2022070163 W 20220719; EP 22754351 A 20220719; EP 22754354 A 20220719; EP 22754356 A 20220719; EP 22754357 A 20220719