CLAIMS

1) Electromagnetic shield system, comprising:

- a flexible seal (6) configured for providing an electromagnetic shield between assemblies of an electronic equipment in such a manner that there is no direct transfer of forces between the assemblies in an operational configuration of the electronic equipment (10) via the electromagnetic shield system;
- at least one rigid bridge (7) for rigidly holding together the flexible seal (6) and at least one of the two assemblies, or for rigidly holding the flexible seal (6).

2) Electromagnetic shield system according to claim 1, wherein the flexible seal (6) comprises an electrically conductive fabric.

3) Electromagnetic shield system according to claim 1 or 2, wherein the electromagnetic shield system comprises a plurality of bridges (7).

4) Electromagnetic shield system according to any of claims 1 to 3, wherein the electromagnetic shield system comprises at least one among a first support (8) and a second support (9) being respectively releasably attachable to the first (2) and second (3) assemblies, the first support (8) and/or the second support (9) being configured for holding the flexible seal (6),

5) Electromagnetic shield system according to claim 4, wherein each of the first (8) and second (9) supports is made of two superimposed sub-parts (13, 14, 15, 16), such that the flexible seal (6) is clamped between the superimposed sub-parts (13, 14, 15, 16).

6) Electromagnetic shield system according to claim 4, wherein the bridge (7) is a protrusion of one among the first (8) or second (9) supports, or wherein the bridge (7) is a separate element which is connectable to the first support (8) and/or to the second support (9).

7) Electromagnetic shield system according to any of claims 4 to 6, wherein the bridge (7) comprises a through hole (22) and one among the first (8) or second (9) supports

comprises a tapped hole (11), and a threaded fastener (12) which can be engaged in the through hole (22) and in the tapped hole (11), or wherein one among the first (8) or second (9) supports comprises a through hole and the bridge (7) comprises a tapped hole, and a threaded fastener (12) which can be engaged in the through hole and in the tapped hole.

8) Electromagnetic shield system according to any of claims 1 to 3, wherein the bridge (7) is a protrusion of one among the first (2) or second (3) assemblies, or wherein the bridge (7) is a separate element which is connectable to the first assembly (2) and/or to the second assembly (3).

9) Electromagnetic shield system according to any of claims 1 to 3, or 8, wherein the bridge (7) comprises a through hole (22) and one among the first (2) or second (3) assemblies comprises a tapped hole (11), and a threaded fastener (12) which can be engaged in the through hole (22) and in the tapped hole (11), or wherein one among the first (2) or second (3) assemblies comprises a through hole and the bridge (7) comprises a tapped hole, and a threaded fastener (12) which can be engaged in the through hole and in the tapped hole.

10) Electromagnetic shield system according to any of claims 7 or 9, wherein the cross section of the through hole (22) is larger than the cross section of the threaded fastener (12).

11) Electronic equipment (10) with an electromagnetic shield system, the electronic equipment (10) comprising:

- a first assembly (2) and a second assembly (3), the first assembly (2) and the second assembly (3) being connected in such a manner that there is no direct transfer of forces between them in an operational configuration of the electronic equipment (10) via the electromagnetic shield system;

wherein the electromagnetic shield system is the electromagnetic shield system according to any claims 1 to 10.

12) Electronic equipment according to claim 11, further comprising a base (1), the first assembly (2) and the second assembly (3) being directly or indirectly connected to the base (1), the connection of the first assembly (2) to the base (1), and the connection of the second assembly (3) to the base (1) being independent one to each other in the operational configuration of the electronic equipment (10).

13) Electronic equipment according to any of the preceding claims 11 to 12, wherein the first (2) and second (3) assemblies are mobile one to each other according to a same degree of freedom, the movement of the first (2) and second (3) assemblies being coordinated in the operational configuration of the electronic equipment (10).

14) Electronic equipment according to claim 13, wherein the first (2) and second (3) assemblies are mobile one to each other, each according to a pivot link (4, 5).

15) Electronic equipment according to any of claims 11 to 14, wherein the first assembly (2) is a rotating antenna system, the second assembly (3) is a rotating part of a rotary joint.

16) Electronic equipment according to any of claims 11 to 15, wherein the second assembly (3) is a mast structure, and the first assembly (2) is an antenna system which is integrated in the mast structure.

17) Method for replacing or performing maintenance on the electronic equipment according to any of the preceding claims 11 to 16, comprising the following steps:
S1) rigidly holding together, via the bridge (7), the flexible seal (6) and at least one among the first assembly (2) and the second assembly (3);
S2) removing one among the first assembly (2) and the second assembly (3);
S3) replacing the removed assembly by a new assembly or upkeeping the removed assembly, and attaching it to the flexible seal (6); S4) disengaging or loosening the bridge (7).

18) Method according to claim 17, wherein step S1) comprises using at least one among a first support (8) and a second support (9) being respectively releasably

attached to the first (2) and second (3) assemblies, wherein the first support (8) and/or second support (9) hold(s) the flexible seal (6),
and step S3) comprises attaching the replaced or upkept assembly to the first support (8) and/or second support (9).

19) Method for replacing or performing maintenance on the electronic equipment according to any claims 11 to 16, comprising the following steps:
S1') rigidly holding the bridge (7) on both sides of the flexible seal (6) which extends between the first assembly (2) and the second assembly (3);
S2') removing together the bridge (7) and the flexible seal (6); at least one of the steps of:
S3a') replacing the flexible seal (6) by a new one or upkeeping the flexible seal (6), and attaching it to the bridge (7);
S3b') replacing or upkeeping one among the first assembly (2) and the second assembly (3);
and comprising steps:
S4') attaching the flexible seal (6) to the first (2) and second assembly (3);
S5') disengaging or loosening the bridge (7) so as to leave the flexible seal (6) between the first assembly (2) and the second assembly (3).

20) Method according to claim 19, wherein step S1') comprises using at least one among a first support (8) and a second support (9) being respectively releasably attached to the first (2) and second (3) assemblies, wherein the first support (8) and/or second support (9) hold(s) the flexible seal (6),
Step S2') comprises removing the first support (8) and/or second support (9);
Step S3a') comprises attaching the flexible seal (6) to the first support (8) and/or second support (9);
and step S4') comprises attaching the first support (8) and/or second support (9) together with the flexible seal (6) to the first (2) and/or second assembly (3).