

CLAIMS

1. A cabinet (1) for an ozone generator, said cabinet comprising:
- an enclosure (2) for containing an ozone generator, wherein said enclosure
 - 5 comprises walls surrounding said ozone generator and at least one opening;
 - a hatch (3) for delimiting said enclosure;
 - one or more grounding means for providing earth connection between said enclosure (2) and said hatch (3); wherein said one or more grounding means comprise at least:
- 10 • an elastic system (5) fastened to at least two of said walls surrounding said ozone generator; wherein said elastic system comprises at least an elastic element (4) suspended in a holder element (9) and wherein said elastic element is or comprise a metal helical coil spring (4), and wherein said holder element is or comprise a spring bracket (9) holding said metal
- 15 helical coil spring (4);
- an elongated element (6) having a first end (7) and a second opposite end (8); said first end being fastened to said hatch, such as to an internal surface of said hatch, said second end configured to interfere with said elastic system; and wherein said second end is configured to interfere with
- 20 said metal helical coil spring in a direction substantially orthogonal to a metal helical coil spring axis, wherein said metal helical coil spring axis is the metal helical coil spring compression axis.
2. A cabinet according to claim 1, wherein said enclosure (2) contains said ozone
- 25 generator.
3. A cabinet according to any of the preceding claims 1-2, wherein said elastic system is a spring system (5).
- 30 4. A cabinet according to any of the preceding claims 1-3, wherein said elongated element is an elongated cylindrical body (6), such as a pin.
5. A cabinet according to any of the preceding claims 1-4, wherein said one or more grounding means are at least two grounding means located not more than
- 35 0.5 m in between each other.

6. An ozone generator apparatus comprising said cabinet according to any of the preceding claims 1-5.

- 5 7. A method for providing grounding and electromagnetic shielding to a cabinet containing an ozone generator according to any of the preceding claims 1-5, said method comprising:
- closing said hatch, thereby allowing for said elongated element to interfere with said elastic system.

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8. A method for providing grounding and electromagnetic shielding to a cabinet containing an ozone generator, said cabinet comprising:

- an enclosure (2) for containing an ozone generator, wherein said enclosure comprises walls surrounding said ozone generator and at least one opening;

15 - a hatch (3) for delimiting said enclosure;

- one or more grounding means for providing earth connection between said enclosure (2) and said hatch (3); wherein said one or more grounding means comprise at least:

- an elastic system (5) fasten to at least two of said walls surrounding said ozone generator; wherein said elastic system comprises at least an elastic element (4) suspended in a holder element (9) and wherein said elastic element is or comprise a metal helical coil spring (4), and wherein said holder element is or comprise a spring bracket (9) holding said metal helical coil spring (4);
- an elongated element (6) having a first end (7) and a second opposite end (8); said first end being fastened to said hatch, such as to an internal surface of said hatch, said second end configured to interfere with said elastic system; and wherein said second end is configured to interfere with said metal helical coil spring in a direction substantially orthogonal to a metal helical coil spring axis, wherein said metal helical coil spring axis is the metal helical coil spring compression axis;

said method comprising:

- closing said hatch, thereby allowing for said elongated element to interfere with said elastic system.

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9. A method according to claim 8, wherein said enclosure (2) contains said ozone generator.

10. A method according to any of the preceding claims 8-9, wherein said elastic
5 system is a spring system (5).

11. A method according to any of the preceding claims 8-10, wherein said elongated element is an elongated cylindrical body (6), such as a pin.

10 12. A method according to any of the preceding claims 8-11, wherein said one or more grounding means are at least two grounding means located not more than 0.5 m in between each other.