CLAIMS

1. Light-curing oven (1; 100) comprising:

   - a light-curing chamber (2) configured in such a way that it can contain one or more objects (A) to be light-cured;

   - a source (3) of light-curing rays arranged inside said light-curing chamber (2);

   - a vacuum pump (4) having at least one suction duct (5) communicating with said light-curing chamber (2);

   - moving means (6; 106) suited to move said objects (A) during the light-curing process,
   characterized in that said moving means (6; 106) comprise at least one electric motor (7; 107) having its drive shaft (8) mechanically associated with supporting means (9) suited to support said objects (A) to be light-cured, said electric motor (7; 107) and said drive shaft (8) being configured in such a way that they define for said objects (A) a substantially horizontal rotation axis (X).

2. Light-curing oven (1; 100) according to claim 1, characterized in that said moving means (6; 106) comprise also vibration means (10; 110) suited to vibrate said objects (A).

3. Light-curing oven (1) according to claim 2, characterized in that said vibration means (10) are associated with the base (7a) of said electric motor (7).

4. Light-curing oven (1) according to claim 2, characterized in that said vibration means (10) are associated with the base (1b) of the structure (1a) of said oven (1).

5. Light-curing oven (1) according to claims from 2 to 4, characterized in that said vibration means (10) are one or more piezoelectric transducers (11).

6. Light-curing oven (1) according to claims from 2 to 4, characterized in that said vibration means comprise ultrasound generators.

7. Light-curing oven (100) according to claim 2, characterized in that said electric motor (107) is a step-by-step motor and said vibration means (110) comprise electronic control means (112) provided with programmable logic that are configured in such a way that they can operate said step-by-step motor (107).

8. Light-curing oven (100) according to claim 7, characterized in that said step-by-step motor realizes a plurality of rotations that are all performed in the same direction of rotation.

9. Light-curing oven (100) according to claim 7, characterized in that said step-by-step motor realizes a plurality of rotations that are performed in opposing directions of rotation.

10. Light-curing oven (1; 100) according to any of the preceding claims, characterized in that said source (3) of light-curing rays comprises one or more emitters of UV rays.

11. Method for light-curing light-curable resins laid so as to cover the surface of objects arranged inside a light-curing chamber of a light-curing oven, said method comprising the following operations:

    - covering the surface of said objects with a layer of said light-curable resin;

    - arranging said objects inside said light-curing chamber;

    - creating a field of light-curing rays in said light-curing chamber;

    - creating vacuum inside said light-curing chamber;

    - setting said objects rotating inside said light-curing chamber,

    characterized in that said rotation of said objects takes place according to a substantially horizontal rotation axis.

12. Method according to claim 11, characterized in that during said rotation said objects are set vibrating.