

**CLAIMS**

1. Egg laying device for flies, the device comprising:
  - a fly cage (20) comprising a container (22) comprising:
    - a base wall (26) which defines a base surface (30) which is orientated towards the interior of the cage (20), and
    - a lateral wall (28) which surrounds the base surface (30) and which defines a lateral surface (33) which is orientated towards the interior of the cage, and
    - a laying nest (50) which is fixed to the cage and which is intended to receive eggs laid by flies (M) which are enclosed in the cage (20),
- 10 in which device the base surface and/or the lateral surface has/have, over more than 90% of the area(s) thereof, a radius of curvature greater than 0.5 cm,  
  
wherein the base surface (30) extends in a plane in an uninterrupted manner as far as the junction zone with the lateral surface (33).
- 15 2. Device according to the preceding claim, wherein the base surface (30) and/or the lateral surface (33) and/or the internal surface of the container (30, 33, 36) do/does not have any re-entrant edge or has/have one or more re-entrant edges, the cumulative length  $La$  of which is such that the ratio of the cumulative length to the area  $S$  of the base surface and/or the lateral surface and/or the internal surface of the container, respectively,  $La/S$ , is less than  $1,200 \text{ mm/m}^2$ .
- 20 3. Device according to either of the preceding claims, wherein the base surface and/or the lateral surface has/have, over more than 99% of the area(s) thereof, a radius of curvature greater than 2 cm.
4. Device according to the immediately preceding claim, wherein the base surface and/or the lateral surface has/have, over more than 99% of the area(s) thereof, a radius of curvature  
25 greater than 5 cm.
5. Device according to any one of the preceding claims, wherein no component is positioned or fixed on the base surface.

6. Device according to any one of the preceding claims, wherein the lateral wall comprises a plurality of planar faces, a junction zone (35) between two adjacent faces having at any point a radius of curvature greater than 1 cm.
7. Device according to any one of the preceding claims, wherein the container defines a  
5 junction zone (36) between the lateral surface and the base surface, the junction zone (36) having at any point a radius of curvature greater than 1 cm.
8. Device according to any one of the preceding claims, wherein the height ( $h_{33}$ ) of the internal surface of the container is between 0.4 m and 1.8 m.
9. Device according to any one of the preceding claims, wherein the cover (24) is fixed to the  
10 lateral wall by means of a hook-and-loop strip (40<sub>22</sub>, 40<sub>24</sub>).
10. Device according to any one of the preceding claims, wherein the base surface and/or the lateral surface has/have a white colour or a colour in the colour spectrum between 472 nm and 600 nm.
11. Installation comprising a unit (12) for producing flies, a unit (14) for producing eggs which  
15 are laid by the flies, a unit (16) for producing young larvae from the eggs, a unit (18) for producing adult larvae from the young larvae, and a unit (19) for processing the adult larvae in order to produce a protein-containing product and/or a fertiliser and/or an oil, the unit for producing eggs comprising an egg laying device according to any one of the preceding claims.
- 20 12. Installation according to the immediately preceding claim, wherein the flies are *Hermetia illucens* flies.