

Claims

1. A lid for closing a container, the lid housing a tactile spoilage monitoring device (2) comprising a reservoir (38) containing a digester fluid and a tray (62) containing a digestible material, and having a tactile pattern formed in a base of the tray; wherein the lid comprises two relatively movable parts: a first part having an indentation (16) adapted to receive a projection (18) of a second part, the projection defining a cavity into which the tactile spoilage monitoring device (2) is received, and wherein an axial movement of the parts causes irreversible activation of the device.
2. A lid as claimed in claim 1, wherein the two parts rotate relative to one another in order to axially reduce the spacing between them forcing the digester fluid out of the reservoir.
3. A lid as claimed in claim 1 or 2; wherein the base of the tray defines a channel (82) sealed by a valve (90) that is opened on activation of the device.
4. A lid as claimed in any 1 of the preceding claims, wherein the tray is sealed into the cavity to prevent escape of digester fluid from the reservoir (38).
5. A lid as claimed in claim 4 wherein the seal is created by a snap fit between the projection and the device.
6. A lid as claimed in claim 1 or 2 wherein the reservoir contains a sponge (60).
7. A lid as claimed in claim 6, wherein a base (40) of the projection is made of a flexible material having a central part for supporting the sponge, and a peripheral inclined wall section (42) which in a pre-activated condition is downwardly sloping and in an activated condition is upwardly sloping to compress the sponge.
8. A lid as claimed in any one of the preceding claims, wherein a thin layer of absorbent material (84) is provided underneath the digestible material in order to distribute digester fluid across the surface of the digestible material.
9. A lid as claimed in any one of the preceding claims, wherein the axial movement of the parts can be reversed.