elastomers, ethylene-acrylic copolymer, chlorosulfonated polyethylene, epichlorohydrin elastomers.

5. The device as claimed in one of the preceding claims, comprising a fan (55) fixed to the shock-absorber (24), and capable of generating an airflow in proximity to the electronic module (54) and through the chimney (60).

6. The device as claimed in one of the preceding claims, comprising at least one light source (56; 57) linked to the rigid structure (20), and in which the shock-absorber (22) comprises a first emergent duct (50; 51) configured to guide a light emitted by the light source (56; 57) out of the robot (1).

7. The device as claimed in one of the preceding claims, comprising at least one sound source (58) linked to the rigid structure (20), and in which the shock-absorber (22) comprises a second emergent duct (52) configured to guide a sound wave emitted by the sound source (58) out of the robot (1).

8. The device as claimed in one of the preceding claims, comprising at least one microphone (53) fixed to an internal wall of the outer shell (21) and in which the shock-absorber (22) allows phonic insulation.

9. A humanoid robot comprising a shock-absorbing device as claimed in one of claims 1 to 8.

10. A head of a humanoid robot (1) comprising a shock-absorbing device (11; 12) as claimed in one of claims 1 to 8, and in which the rigid structure (20) is linked to a trunk (2) of the robot (1).

11. The humanoid robot head as claimed in claim 10, wherein the shock-absorbing device comprises a first shock-absorber (11) arranged in the front part of the head (10), and a second shock-absorber (12) arranged in the rear part of the head (10); the two shock-absorbers (11, 12) being placed facing

one another in the main direction (X) and on either side of a rigid structure (20) common to both shock-absorbers (11, 12).

12. A torso of a humanoid robot as claimed in claim 9, wherein the shock-absorbing device comprises a first shock-absorber arranged in the front part of the humanoid robot, and a second shock-absorber arranged in the rear part of the robot; the two shock-absorbers being placed facing one another in the main direction (X) and on either side of a rigid structure common to both shock-absorbers.