

ABSTRACT**Shock-absorbing device for a humanoid robot**

The invention relates to a shock-absorbing device for a humanoid robot, comprising a rigid structure linked to the humanoid robot, a deformable outer shell (21; 23), and a shock-absorber (22; 24); the shock-absorber (22; 24) consisting of a flexible cellular structure comprising a set of cells emerging in a main direction (X), and being secured to the rigid structure (20) at a first end in the main direction (X), and linked to the deformable outer shell (21; 23) at a second end opposite the first in the main direction (X).

Advantageously, the outer shell (21) is also linked directly to the rigid structure by means of at least one absorbent fixing of silent block type.

The invention relates also to a humanoid robot, and in particular the head of a humanoid robot, comprising such a shock-absorbing device.

FIG 3