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(54) Title (EN): ROBOT LEG STRUCTURE

(54) Title (FR): STRUCTURE DE JAMBE DE ROBOT

(54) Title (JA): ロボットの脚構造

(57) Abstract:

(EN): The present invention comprises: a link 500 that extends downward from a leg joint; a ground contacting part 600 that contacts the ground; a plate spring 300 that joins the link 500 and the ground contacting part 600; and a damping member 400 that is disposed adjacent to the plate spring 300 and that joins the link 500 and the ground contacting part 600. Due to this configuration, it is possible to reliably stabilize the movement of the leg of a robot as a result of the damping member damping vibrations from the plate spring 300.

(FR): La présente invention comprend : une liaison (500) qui descend depuis une articulation de jambe ; une partie de contact avec le sol (600) qui entre en contact avec le sol ; un ressort à lame (300) qui relie la liaison (500) et la partie de contact avec le sol (600) ; et un élément d'amortissement (400) qui est disposé adjacent au ressort à lame (300) et qui relie la liaison (500) et la partie de contact avec le sol (600). De par cette configuration, il est possible de stabiliser efficacement le mouvement de la jambe d'un robot grâce à l'élément d'amortissement amortissant des vibrations provenant du ressort à lame (300).

(JA): 脚関節から下に延在するリンク500と、地面に接地する接地部600と、リンク500と接地部600とを連結する板バネ300と、板バネ300と隣接して配置され、リンク500と接地部600とを連結する減衰部材400と、を備える。この構成により、減衰部材400が板バネ300による振動を減衰させるため、ロボットの脚の動作を確実に安定させることができる。

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