

Title (en)
DEFORMATION ROBOT

Title (de)
VERFORMUNGSROBOTER

Title (fr)
ROBOT TRANSFORMABLE

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Application
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Abstract (en)
The present invention provides a transformable robot, the transformable robot comprises an arm structure, a leg structure and a head of the robot which are fixed to a ribcage structure. The arm structure comprises a left arm and a right arm, the leg structure comprises a left leg and a right leg; the ribcage structure comprises a first steering gear fixed on an upper part of a second fixing frame, a rotating output shaft of the first steering gear successively passes through a top wall of the second fixing frame and a first backing plate to fixedly connected with a first steering wheel fixed on a first rotating frame; the first steering wheel is provided with an arc-shaped limited opening; a limited column on the first backing plate is movably passed through the limited opening; the rotating output shaft of the first steering gear rotates to drive the first rotating frame to rotate. The transformable robot may realize a transformation from a human form to a car form or from the car form to the human form by controlling the steering gears on each joint of the robot through a controller. In the car form, the transformable robot may realize a movement through the steering gears. In the human form, the robot may realize a biped walking through the steering gears.

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