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(54) Title: TRANSARTERIAL HEART ASSIST DEVICE

(57) Abstract: Invention is related to; a new generation Heart Assist Device that is installed in the great arteries and developed for facilitating blood circulation for patients with heart failure. The device is composed of a rotor without an axial pin running in magnetic bearing and because of its small size consumes less energy that causes to have longer battery lives. Because of its high power it generates high blood flow and because of having small contact surface does not cause to any harmful effects for blood cells and coagulation systems. Since installation of this assist device is quite practical and reliable its success rate will be quite high too.



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