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[Continued on next page]

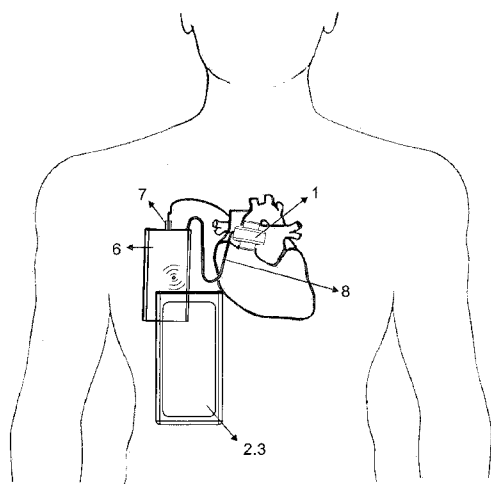
(54) **Title:** TRANSARTERIAL HEART ASSIST DEVICE

FIGURE 1

(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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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A61M1/10 A61M1/12
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2010/042008 A1 (MILUX HOLDING SA [LU]; FORSELL PETER [CH]) 15 April 2010 (2010-04-15)	1-13
Y	page 7, line 12 - page 9, line 4; figures 1-3 page 22, line 27 - page 23, line 11; figure 29 page 28, line 23 - page 29, line 9; figures 36,37	14,15
Y	----- US 2010/222633 A1 (POIRIER VICTOR [US]) 2 September 2010 (2010-09-02) paragraph [0113] -----	14,15



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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