

Title (en)

ASSEMBLY FOR EXTRACORPOREAL BLOOD HANDLING AND METHOD OF USE

Title (de)

EINHEIT ZUR BLUTBEHANDLUNG AUSSERHALB DES KÖRPERS SOWIE ANWENDUNGSVERFAHREN

Title (fr)

ENSEMBLE DE GESTION DE LA CIRCULATION EXTRACORPORELLE ET PROCEDE D'UTILISATION ASSOCIE

Publication

**EP 1191959 A2 20020403 (EN)**

Application

**EP 01924876 A 20010406**

Priority

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- US 54398400 A 20000406

Abstract (en)

[origin: WO0176656A2] An apparatus and method of extracorporeal blood handling is disclosed using a flexible reservoir enclosed within a rigid housing to draw and temporarily store venous blood during surgical procedures. A vacuum in the space between the flexible reservoir and the rigid housing as a gravity assistance to draw venous blood into the flexible reservoir. A vent may be provided to evacuate air, other gases and some foamy blood from the flexible reservoir and a pump may draw the blood out of the flexible reservoir. The primary motive forces on moving the venous blood from the patient are gravity and the vacuum force within the rigid housing, not any other pumps in the system.

[origin: WO0176656A2] An apparatus (10) and method of extracorporeal blood handling is disclosed using a flexible reservoir (12) enclosed within a rigid housing (14) to draw and temporarily store venous blood during surgical procedures. A vacuum is drawn in the space between the flexible reservoir and the rigid housing as a gravity assistance to draw venous blood into the flexible reservoir. A vent (20) may be provided to evacuate air, other gases and some foamy blood from the flexible reservoir and a pump (36) may draw the blood out of the flexible reservoir. The primary motive forces on moving the venous blood from the patient are gravity and the vacuum force within the rigid housing, not any other pumps in the system.

IPC 1-7

**A61M 1/14**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0176656A2

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