

Title (en)

BLOOD EVACUATING SYSTEM AND METHOD OF USE THEREOF

Title (de)

BLUTENTNAHMESYSTEM UND METHODE ZU SEINER ANWENDUNG

Title (fr)

SYSTEME DE PRELEVEMENT DU SANG ET SON PROCEDE D'UTILISATION

Publication

EP 1007145 A4 20010606 (EN)

Application

EP 98907419 A 19980212

Priority

- US 9802586 W 19980212
- US 3836197 P 19970213

Abstract (en)

[origin: WO9835718A1] The invention relates to an apparatus and method for a blood evacuation system (14) comprising an inner flexible blood evacuation bag (38) inside an outer rigid container (16) for reinfusing shed blood drawn from the collection chamber of a chest drainage unit (12). The outer rigid container (16) includes a suction port connected to a source of vacuum for applying a negative pressure within the interstitial space (46) between the interior surface of the rigid container (16), and the outside of the inner flexible blood evacuation bag (38). The negative pressure inside the interstitial space (46) draws blood from the collection chamber of the chest drainage unit (12) into the blood evacuation bag (38). Once the blood evacuation bag (38) is filled to a desired level, the inner flexible bag (38) is removed from the outer rigid container (16), and suspended using a suspension means (19) within the vicinity of a patient (10) for reinfusion. During reinfusion another blood evacuation bag (38) can replace the blood evacuation bag (38) being used for reinfusion.

IPC 1-7

A61M 37/00; **A61M 1/00**

IPC 8 full level

A61M 1/00 (2006.01); **A61M 1/36** (2006.01)

CPC (source: EP US)

A61M 1/62 (2021.05 - EP US)

Citation (search report)

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- [Y] US 4060107 A 19771129 - NAFTULIN HENRY
- [A] FR 2677254 A1 19921211 - GADRAT FRANCIS [FR], et al
- [A] US 3680560 A 19720801 - PANNIER KARL A JR, et al
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- See references of WO 9835718A1

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DOCDB simple family (publication)

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US 9802586 W 19980212; AU 6323198 A 19980212; CA 2280719 A 19980212; CN 98802547 A 19980212; EP 98907419 A 19980212; JP 53585598 A 19980212