

Title (en)  
INCREASED YIELD BLOOD COLLECTION SYSTEMS AND METHODS.

Title (de)  
BLUTSAMMLUNGSSYSTEM MIT ERHÖHTER AUSBEUTE UND VERFAHREN.

Title (fr)  
SYSTEMES ET PROCEDES DE PRISE DE SANG A RENDEMENT AMELIORE.

Publication  
**EP 0093122 A4 19850730 (EN)**

Application  
**EP 82902864 A 19820823**

Priority  
• US 31691881 A 19811030  
• US 37355582 A 19820430

Abstract (en)  
[origin: WO8301573A1] A blood collection and separation system (10) including first and second blood collection and separation assemblies (12, 14). The first collection assembly (12) includes a primary container (16) and transfer containers (18, 20, and 22). A branch conduit (24) establishes a fluid path between the primary container (16) and each of the transfer containers (18, 20, and 22). The second blood collection assembly (14) also includes a primary container (28) and transfer containers (30, 32, and 34). A branch conduit (36) establishes a fluid path between the primary container (26) and each of the transfer containers (30, 32, and 34). The system (10) further includes a primary conduit (40) for establishing a fluid path between a phlebotomy needle (42) and the primary containers (16, 28). In order to return a portion of the collected blood components to the donor during the procedure, the system includes an auxiliary conduit assembly (50) for establishing a fluid path between the primary conduit (40) and a source (52) of sterile saline solution. The system further includes a connector assembly (68, 70) which is operative for forming a fluid path between the collection assemblies (12, 14) and the auxiliary conduit assembly (50) so that a portion of the collected blood components can be returned to the donor through the primary conduit (4) and the phlebotomy needle (42).

IPC 1-7  
**A61M 5/00; B65B 3/04**

IPC 8 full level  
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Citation (search report)  
• [Y] US 4223675 A 19800923 - WILLIAMS RONALD A  
• [AD] US 3459182 A 19690805 - NAFTULIN HENRY  
• [AD] US 3782382 A 19740101 - NAFTULIN H, et al  
• [AD] BE 885343 A 19810116 - BAXTER TRAVENOL LAB

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**WO 8301573 A1 19830511**; AR 229134 A1 19830615; AU 8952082 A 19830518; BR 8207948 A 19830920; EP 0093122 A1 19831109; EP 0093122 A4 19850730; ES 516895 A0 19840201; ES 8402220 A1 19840201; JP S58501807 A 19831027

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