

Title (en)  
SYSTEM FOR VIRAL INACTIVATION OF BLOOD

Title (de)  
SYSTEM ZUR VIRALEN INAKTIVIERUNG VON BLUT

Title (fr)  
SYSTEME POUR INACTIVER LES VIRUS DU SANG

Publication  
**EP 0707633 A1 19960424 (EN)**

Application  
**EP 94921349 A 19940622**

Priority  
• US 9407018 W 19940622  
• US 8177493 A 19930623

Abstract (en)  
[origin: WO9500631A1] A continuous-flow or semi-continuous flow system that accomplishes both virus inactivation of blood and virucidal reagent removal from treated blood. The system permits the pooling of blood prior to treatment with dyes together with visible light or compounds known to principally react with nucleic acids, the in-line use of filters or hydrophobic chromatography to remove unreacted virucidal compound together with its breakdown products, and the in-line distribution of the treated blood into single or multiple storage containers. It has been observed that any residual virucidal compound which cannot be separated from the blood by hydrophobic groups in filters or chromatography columns has lost the capacity to interact with nucleic acid and is no longer virucidal or mutagenic.

IPC 1-7  
**C12M 1/12**; **B01D 61/00**

IPC 8 full level  
**A61L 2/00** (2006.01); **A61M 1/36** (2006.01); **B01D 61/00** (2006.01); **C12M 1/12** (2006.01); **C12N 7/04** (2006.01)

CPC (source: EP KR US)  
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**WO 9500631 A1 19950105**; AU 698154 B2 19981022; AU 7211394 A 19950117; CA 2165065 A1 19950105; EP 0707633 A1 19960424; EP 0707633 A4 19960814; FI 956078 A0 19951218; FI 956078 A 19960214; JP H09500015 A 19970107; KR 960703167 A 19960619; NO 955291 D0 19951222; NO 955291 L 19960222; ZA 944488 B 19950215

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