

Title (en)
IMPROVED ARTIFICIAL BLOOD FLUIDS

Title (de)
VERBESSERTE KÜNSTLICHE BLUTFLÜSSIGKEITEN

Title (fr)
FLUIDES SANGUINS ARTIFICIELS AMELIORES

Publication
EP 1111992 A4 20030115 (EN)

Application
EP 99968600 A 19990909

Priority

- US 9920704 W 19990909
- US 15013898 A 19980909
- US 33964799 A 19990624

Abstract (en)
[origin: WO0013501A1] The present invention provides improved artificial blood fluids. In accordance with preferred embodiments, artificial blood fluids with synthetic or natural oxygen carrying compounds are improved through the inclusion of small amounts of blood soluble microflow drag reducing factors. Physiologically acceptable carriers are preferred as those having a polyethylene glycol adjuvant. The concentration of microflow drag reducing factor is from about 0.1 ppm to about 10,000 ppm by weight of the blood fluid. Certain embodiments feature the employment of certain third and fourth generation dendritic polymers to improve emulsification of artificial blood fluids.

IPC 1-7
A01N 1/02; **A01N 43/04**; **A01N 65/00**; **A61K 35/12**; **A61K 38/00**

IPC 8 full level
A61K 38/16 (2006.01); **A61K 38/42** (2006.01)

CPC (source: EP)
A61K 38/16 (2013.01); **A61K 38/42** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 0013501A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0013501 A1 20000316; **WO 0013501 A9 20000713**; AU 6031599 A 20000327; CA 2345895 A1 20000316; EP 1111992 A1 20010704; EP 1111992 A4 20030115

DOCDB simple family (application)
US 9920704 W 19990909; AU 6031599 A 19990909; CA 2345895 A 19990909; EP 99968600 A 19990909