

Title (en)
SYNTHETIC WHOLE BLOOD AND A METHOD OF MAKING THE SAME.

Title (de)
KÜNSTLICHES BLUT SOWIE DESSEN HERSTELLUNGSVERFAHREN.

Title (fr)
SANG ENTIER SYNTHETIQUE ET SON PROCEDE DE PRODUCTION.

Publication
EP 0097648 A4 19841018 (EN)

Application
EP 82902044 A 19820521

Priority
US 33606181 A 19811231

Abstract (en)
[origin: EP0083469A2] This invention comprises a synthetic whole blood useful as a substitute for whole natural mammalian blood and a method of making the same. The method of manufacture yields a composition of matter comprised of a two phase coacervate system. The claimed system successfully substantially duplicates the two phase heterogeneous physicochemical system of naturally occurring whole mammalian blood. Also disclosed is a phase of the claimed method of manufacture which produces a composition of matter, useful as a substitute for naturally occurring hematocrit.

IPC 1-7
A61K 31/685; **A61K 45/00**

IPC 8 full level
A61K 9/00 (2006.01); **A61K 31/575** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
A61K 9/0026 (2013.01); **G03C 2001/0471** (2013.01)

Citation (search report)
• [A] US 4001401 A 19770104 - BONSEN PIETER, et al
• [A] DE 2940184 A1 19810416 - BIOTEST SERUM INSTITUT GMBH [DE]
• [A] GB 742594 A 19551230 - CHARLES B KNOX GELATINE COMPAN
• [A] US 4002739 A 19770111 - TURNER JAMES E, et al

Designated contracting state (EPC)
AT BE CH LI LU NL SE

DOCDB simple family (publication)
EP 0083469 A2 19830713; **EP 0083469 A3 19831026**; EP 0097648 A1 19840111; EP 0097648 A4 19841018; JP S58502204 A 19831222; WO 8302228 A1 19830707

DOCDB simple family (application)
EP 82302620 A 19820521; EP 82902044 A 19820521; JP 50200382 A 19820521; US 8200696 W 19820521