

Title (en)

DEVICE WITH A REACTION BAG FOR MULTI-STEP CULTURING/SEPARATION OPERATIONS AND/OR REACTIONS IN SEVERAL STEPS

Title (de)

REAKTIONSBEUTELVORRICHTUNG ZUR DURCHFÜHRUNG VON MEHRSTUFIGEN KULTIVIERUNGS-/SEPARATIONS-VORGÄNGEN UND/ ODER REAKTIONEN

Title (fr)

DISPOSITIF A SAC DE REACTION POUR OPERATIONS ET/OU REACTIONS DE CULTURE/SEPARATION EN PLUSIEURS ETAPES

Publication

EP 0918846 A1 19990602 (DE)

Application

EP 97938900 A 19970813

Priority

- EP 97938900 A 19970813
- DE 19707497 A 19970225
- EP 9704425 W 19970813
- EP 96113193 A 19960816

Abstract (en)

[origin: DE19707497A1] The present invention relates to the use of flexible plastic tanks for extracorporeal operations in gene therapy.

IPC 1-7

C12M 1/00; A61M 1/02

IPC 8 full level

C12N 15/09 (2006.01); **A61K 48/00** (2006.01); **A61M 1/02** (2006.01); **C12M 1/00** (2006.01); **C12M 1/36** (2006.01); **C12M 3/00** (2006.01); **C12N 5/10** (2006.01)

CPC (source: EP US)

A61M 1/0209 (2013.01 - EP); **C12M 23/14** (2013.01 - EP US); **C12M 23/34** (2013.01 - EP)

Citation (search report)

See references of WO 9807828A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19707497 A1 19980219; AU 4118497 A 19980306; AU 4299297 A 19980306; CA 2264205 A1 19980226; CA 2264206 A1 19980226; EP 0918846 A1 19990602; EP 0941307 A1 19990915; JP 2000503546 A 20000328; JP 2000504942 A 20000425; WO 9807828 A1 19980226; WO 9807829 A2 19980226; WO 9807829 A8 19980226

DOCDB simple family (application)

DE 19707497 A 19970225; AU 4118497 A 19970813; AU 4299297 A 19970813; CA 2264205 A 19970813; CA 2264206 A 19970813; EP 9704425 W 19970813; EP 9704426 W 19970813; EP 97918983 A 19970813; EP 97938900 A 19970813; JP 51036598 A 19970813; JP 51036698 A 19970813