

Title (en)  
TANGENTIAL FLOW, CELL CONCENTRATION AND FUSION APPARATUS

Title (de)  
APPARAT FÜR TANGENTIALFLUSS, ZELLKONZENTRATION UND -FUSION

Title (fr)  
APPAREIL POUR L'ÉCOULEMENT TANGENTIEL, LA CONCENTRATION ET LA FUSION DES CELLULES

Publication  
**EP 1137765 A1 20011004 (EN)**

Application  
**EP 00919388 A 20000321**

Priority  
• US 0006420 W 20000321  
• US 12558399 P 19990322

Abstract (en)  
[origin: WO0060065A1] An object of the invention is to provide a tangential flow, cell concentration and fusion apparatus (12) which includes a transparent housing (24) and a first input channel (1) contained in the housing (24). In the housing (24), a concentration chamber (26) includes a proximal end connected to the first input channel (1) and extends along a longitudinal axis (28). A first output channel (5) is connected to a distal end of the concentration chamber (26). A filter (3) serves as a wall of the concentration chamber (26), is located between the first input channel (1) and the first output channel (5), and extends in a direction parallel to the longitudinal axis (28).

IPC 1-7  
**C12N 13/00**; **C12M 1/00**; **B01D 57/02**; **C02F 1/40**

IPC 8 full level  
**B01D 61/00** (2006.01); **B01D 61/14** (2006.01); **B01D 61/18** (2006.01); **B01D 61/20** (2006.01); **B03C 5/02** (2006.01); **C12M 1/42** (2006.01); **C12M 3/00** (2006.01); **C12N 13/00** (2006.01)

CPC (source: EP)  
**B01D 61/00** (2013.01); **B01D 61/14** (2013.01); **B01D 61/18** (2013.01); **B01D 61/20** (2013.01); **B03C 5/026** (2013.01); **C12M 33/14** (2013.01); **C12M 35/02** (2013.01); **C12N 13/00** (2013.01)

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 0060065 A1 20001012**; CA 2374649 A1 20001012; EP 1137765 A1 20011004; EP 1137765 A4 20020918

DOCDB simple family (application)  
**US 0006420 W 20000321**; CA 2374649 A 20000321; EP 00919388 A 20000321