

Title (en)
GENETIC TRANSFORMATION OF CILIATE CELLS THROUGH MICROCARRIER BOMBARDMENT WITH DNA-LOADED GOLD PARTICLES

Title (de)
GENETISCHE TRANSFORMATION VON CILIATENZELLEN DURCH MICROCARRIER- BOMBARDEMENT MIT DNA-BELADENEN
GOLDPARTIKELN

Title (fr)
TRANSFORMATION GENETIQUE DE CELLULES CILIEES PAR BOMBARDEMENT DES MICROSUPPORTS AVEC DES PARTICULES D'OR
CHARGEES D'ADN

Publication
EP 0847444 A1 19980617 (DE)

Application
EP 97930486 A 19970702

Priority
• DE 19626564 A 19960703
• EP 9703472 W 19970702

Abstract (en)
[origin: DE19626564A1] The present invention concerns a method for the expression of a heterologous DNA in ciliates. Ciliate cells can be successfully transformed using the microcarrier bombardment method with DNA-loaded gold particles.

IPC 1-7
C12N 15/79; **C12N 15/87**; **C12N 1/11**

IPC 8 full level
A01K 67/033 (2006.01); **C12N 1/11** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/79** (2006.01); **C12N 15/89** (2006.01)

CPC (source: EP US)
C12N 15/79 (2013.01 - EP US); **C12N 15/895** (2013.01 - EP US)

Citation (search report)
See references of WO 9801572A1

Cited by
US9127285B2

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

DOCDB simple family (publication)
DE 19626564 A1 19980108; EP 0847444 A1 19980617; JP 2001510327 A 20010731; US 6087124 A 20000711; WO 9801572 A1 19980115

DOCDB simple family (application)
DE 19626564 A 19960703; EP 9703472 W 19970702; EP 97930486 A 19970702; JP 50474898 A 19970702; US 2944498 A 19980422