

Title (en)
MODIFIED EXOSOMES AND USES

Title (de)
MODIFIZIERTE EXOSOME UND VERWENDUNGEN

Title (fr)
EXOSOMES MODIFIES ET UTILISATIONS

Publication
EP 1127110 A1 20010829 (FR)

Application
EP 99954055 A 19991104

Priority
• FR 9902691 W 19991104
• FR 9813946 A 19981105

Abstract (en)
[origin: WO0028001A1] The invention concerns the fields of biology and immunology. It concerns membrane vesicles comprising molecules, in particular antigenic molecules, with predetermined structure, and their uses. More particularly, it concerns vesicles (exosomes) comprising recombinant molecules of the major histocompatibility complex, and their use as immunogen or for diagnostic and therapeutic purposes. The invention also concerns methods for producing said vesicles, genetic constructs, cells and compositions, useful for implementing said methods.

IPC 1-7
C12N 5/10; **A61K 39/385**; **C07K 16/00**; **C12N 15/12**; **G01N 33/50**; **A61K 39/395**

IPC 8 full level
G01N 33/53 (2006.01); **A61K 31/713** (2006.01); **A61K 38/00** (2006.01); **A61K 47/46** (2006.01); **A61P 11/06** (2006.01); **A61P 31/12** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/04** (2006.01); **A61P 37/06** (2006.01); **A61P 37/08** (2006.01); **C07K 14/705** (2006.01); **C07K 16/00** (2006.01); **C07K 16/28** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/04** (2006.01); **G01N 33/543** (2006.01); **G01N 33/554** (2006.01); **G01N 33/569** (2006.01); **G01N 33/577** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)
A61P 11/06 (2018.01 - EP); **A61P 31/12** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **A61P 37/04** (2018.01 - EP); **A61P 37/06** (2018.01 - EP); **A61P 37/08** (2018.01 - EP); **C07K 16/00** (2013.01 - EP); **C07K 16/2833** (2013.01 - EP); **G01N 33/5432** (2013.01 - EP); **G01N 33/554** (2013.01 - EP); **G01N 33/56972** (2013.01 - EP); **G01N 33/56977** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US)

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 0028001 A1 20000518; AU 1051400 A 20000529; AU 2004203482 A1 20040826; AU 772451 B2 20040429; CA 2349679 A1 20000518; CN 1325441 A 20011205; EA 004428 B1 20040429; EA 200100509 A1 20011224; EP 1127110 A1 20010829; FR 2785543 A1 20000512; FR 2785543 B1 20030228; IL 142634 A0 20020310; JP 2002529074 A 20020910; TW I224138 B 20041121

DOCDB simple family (application)
FR 9902691 W 19991104; AU 1051400 A 19991104; AU 2004203482 A 20040729; CA 2349679 A 19991104; CN 99812879 A 19991104; EA 200100509 A 19991104; EP 99954055 A 19991104; FR 9813946 A 19981105; IL 14263499 A 19991104; JP 2000581168 A 19991104; TW 88119348 A 19991216