

Title (en)
METHODS OF PREVENTING, ARRESTING OR REVERSING TUMOURIGENESIS AND OF IDENTIFYING COMPOUNDS CAPABLE OF THE SAME

Title (de)
VERFAHREN ZUR PRÄVENTION, HEMMUNG ODER UMKEHRUNG VON TUMORGENESE UND ZUR IDENTIFIZIERUNG VON VERBINDUNGEN DAFÜR

Title (fr)
PROCÉDÉS DE PRÉVENTION, D'ARRÊT OU D'INVERSION DE LA TUMORIGENÈSE ET D'IDENTIFICATION DE COMPOSÉS CAPABLES DE CEUX-CI

Publication
EP 2320917 A1 20110518 (EN)

Application
EP 09803219 A 20090729

Priority
• SG 2009000268 W 20090729
• US 8448608 P 20080729

Abstract (en)
[origin: WO2010014043A1] Disclosed are methods of preventing, inhibiting, arresting or reversing tumorigenesis in a cell and of inducing programmed cell death (apoptosis) in a tumor cell. The methods include altering the formation of a complex between RUNX3, or a functional fragment thereof, and at least one of (i) beta-catenin, or a functional fragment thereof, and (ii) a member of the TCF/LEF transcription co-factor family. Disclosed are also methods of diagnosing the risk of tumorigenesis in a cell and of diagnosing the risk of developing a neoplasm in a subject. Such method includes assessing the formation of a complex as defined above. An in-vitro method of identifying a compound capable of altering the formation of the afore defined complex is also disclosed. The method includes contacting the components that form the above complex with each other and adding a compound to the test tube suspected to modulate said complex formation.

IPC 8 full level
A61K 35/00 (2006.01); **C12Q 1/00** (2006.01); **G01N 33/574** (2006.01)

CPC (source: EP)
G01N 33/574 (2013.01); **G01N 2333/4703** (2013.01); **G01N 2800/50** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010014043 A1 20100204; EP 2320917 A1 20110518; EP 2320917 A4 20111109

DOCDB simple family (application)
SG 2009000268 W 20090729; EP 09803219 A 20090729