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(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

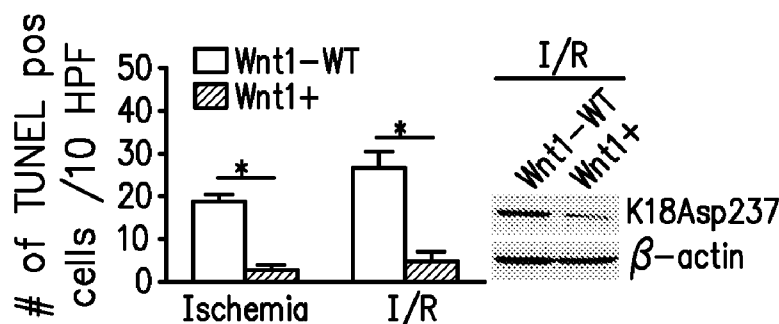
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(54) **Title:** THE USE OF WNT AGENTS TO PREVENT HYPOXIC INJURY

**FIG. 3D**

(57) **Abstract:** Methods and compositions are provided for the therapeutic use of Wnt proteins or Wnt agonists in protecting tissue from the adverse effects of hypoxia.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 12/30665

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61K 38/00; A61K 9/127 (2012.01)

USPC - 424/450; 514/1.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

USPC - 424/450; 514/1.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 424/400 (text search, see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(PGPB,USPT,EPAB,JPAB); Google Scholar (text search, see terms below)

Search Terms: PreventS, reducS, ischemS, hypoxS, WntS, liposomS, transplantS or occlusion or reperfusion or revascularS, composition

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2005/0043260 A1 (SCHNEIDER et al.) 24 February 2005 (24.02.2005); Claims 1-3 and 12, paras [0011], [0077], [0159]-[0162], [0166], [0186]-[0188]	1-4, 6-8, 11, 12 ----- 5, 9, 10
Y	US 2004/0213766 A1 (FRANCOIS) 28 October 2004 (28.10.2004); Claims 37 and 39, paras [0018], [0230], [0231]	5, 9, 10

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774