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(54) Title: METHODS OF SCREENING AGENTS FOR ACTIVITY USING TELEOSTS

(57) Abstract: The present invention provides methods of screening an agent for activity using teleosts. Methods of screening an agent for angiogenesis activity, toxic activity and an effect cell death activity in teleosts are provided. Methods of screening an agent for an activity in the brain or central nervous system in zebrafish are provided. The invention further provides high throughput methods of screening agents in multi-well plates.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO2005080974 (Goldsmith et al) 01 September 2005 (01.09.2005), claim 1, entire document.	I-60
X	Peterson, RT et al. Small molecule development screens reveal the logic and timing of vertebrate development, PNAS, November 21, 2000, Vol. 97, No. 24, pp. 12965-12969.	1,4,5,7,9-11,13,16-21,25,55-57
X	Baraban, SC et al, Pentylentetrazole induced changes in zebrafish behavior, neural activity and c-fos expression, Neuroscience, 2005, Vol. 131, pp. 759-768.	1,4,5,7,9-10,13,16-19,21,25,55-57

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