



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 05 77 2647 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	REIMAN E M ET AL: "Declining brain activity in cognitively normal apolipoprotein E epsilon4 heterozygotes: A foundation for using positron emission tomography to efficiently test treatments to prevent Alzheimer's disease" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC, US, vol. 98, no. 6, 13 March 2001 (2001-03-13), pages 3334-3339, XP003001343 ISSN: 0027-8424 * the whole document * * abstract * * page 3336 *	1-23	INV. A61B19/00 A61B5/00 G01N33/50 G01N33/68
			TECHNICAL FIELDS SEARCHED (IPC)
			G01N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search		Date of completion of the search	Examiner
The Hague		1 April 2008	Jenkins, Gareth
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

EPO FORM 1503 03.02 (P04/E20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	SMALL GARY W ET AL: "Cerebral metabolic and cognitive decline in persons at genetic risk for Alzheimer's disease" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 97, no. 11, 23 May 2000 (2000-05-23), pages 6037-6042, XP002474505 ISSN: 0027-8424 * the whole document * * abstract * * page 6037, column 2, paragraph 3 * * page 6041, column 2, paragraph 3 *	1-23	
X	CHEN KEWEI ET AL: "An automated algorithm for the computation of brain volume change from sequential MRIs using an iterative principal component analysis and its evaluation for the assessment of whole-brain atrophy rates in patients with probable Alzheimer's disease." NEUROIMAGE MAY 2004, vol. 22, no. 1, May 2004 (2004-05), pages 134-143, XP002474506 ISSN: 1053-8119 * the whole document *	1-23	TECHNICAL FIELDS SEARCHED (IPC)
X	REIMAN ERIC M ET AL: "Functional brain abnormalities in young adults at genetic risk for late-onset Alzheimer's dementia." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 101, no. 1, 6 January 2004 (2004-01-06), pages 284-289, XP002474507 ISSN: 0027-8424 * the whole document *	1-23	



The independent claims essentially relate to a clinical trial. A clinical trial necessarily encompasses a method of treatment by therapy, since the present intention is clearly to prevent disease in a group of patients. A clinical trial also encompasses a method of treatment by surgery, since drugs may need to be administered by invasive means. Finally, the present method involves diagnosis by methods such as imaging; since all the core diagnostic steps of a technical nature of such techniques require the human body, said claims also encompass methods of diagnosis practised on the human or animal body (G1/04). Thus, the claims contravene Art. 53c on many levels. Consequently, the search was limited to in vitro aspects of the method.

Claim(s) searched incompletely:
1-23

Reason for the limitation of the search (non-patentable invention(s)):

Art. 53c

专利名称(译)	评估治疗以降低进行性脑病的风险或减缓布莱恩衰老		
公开(公告)号	EP1761191A4	公开(公告)日	2008-05-14
申请号	EP2005772647	申请日	2005-06-17
[标]申请(专利权)人(译)	BANNER健康		
申请(专利权)人(译)	BANNER健康		
当前申请(专利权)人(译)	BANNER健康		
[标]发明人	REIMAN ERIC M		
发明人	REIMAN, ERIC, M.		
IPC分类号	A61B19/00 A61B5/00 G01N33/50 G01N33/68 G06F19/00 G06G7/48 G06G7/58		
CPC分类号	G01N33/6896 G01N33/5088 G01N2800/2821 G16H50/70		
代理机构(译)	LAWRENCE , JOHN		
优先权	60/580762 2004-06-18 US		
其他公开文献	EP1761191A2		
外部链接	Espacenet		

摘要(译)

对于有阿尔茨海默病，神经退行性疾病或脑老化风险的真实人群，可以在真实患者接受疾病预防或神经衰老治疗的过程中或之后表征测量值的变化率。对于具有这些条件风险但未经过如此处理的真实人员的假设人员，可以在相似的时间间隔内表征测量的变化率。即使在时间间隔内没有临床下降的情况下，所治疗的真人中相似时间间隔的变化测量速率小于未经如此治疗的假设人的较小测量变化率，这表明疾病预防或年龄减慢治疗的功效。对于神经退行性疾病进展的测量，与患有神经退行性疾病风险较低的人相比，临床上受疾病影响或有风险的人的变化率将显著更高。

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1	Place of search The Hague	Date of completion of the search 1 April 2008
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category Z: technological background P: from within the applicant's family I: intermediate document		Examiner Jenkins, Gareth E: theory or principle underlying the invention F: earlier patent document, but published on, or after, the filing date G: document cited in the application L: document cited for other reasons M: reference of the same patent family, corresponding document