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(54) **Genetic polymorphisms associated with myocardial infarction, methods of detection and uses thereof**

(57) The present invention is based on the discovery of genetic polymorphisms that are associated with myocardial infarction. In particular, the present invention relates to nucleic acid molecules containing the polymorphisms, variant proteins encoded by such nucleic acid molecules, reagents for detecting the polymorphic nucleic acid molecules and proteins, and methods of using the nucleic acid and proteins as well as methods of using reagents for their detection.

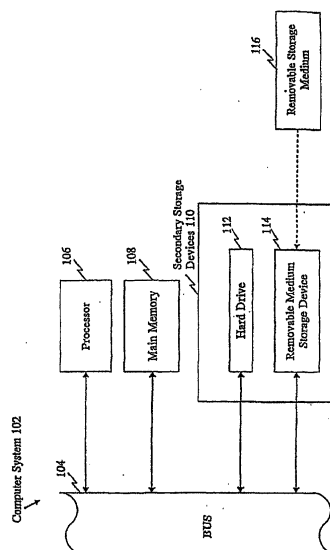


FIGURE 1



EUROPEAN SEARCH REPORT

Application Number
EP 12 16 3424

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 609 059 A2 (CLONIT SPA [IT] CLONIT S R L [IT]) 3 August 1994 (1994-08-03) * page 6, lines 5-9; claim 17; figures 1-2 *	1-22	INV. C12Q1/68 C07K14/47 C07K14/705 C07K16/18 C07K16/28
A	----- ZHANG D ET AL: "TAK1 is activated in the myocardium after pressure overload and is sufficient to provoke heart failure in transgenic mice", NATURE MEDICINE, NATURE PUBLISHING GROUP, NEW YORK, NY, US, vol. 6, no. 5, 1 May 2000 (2000-05-01), pages 556-563, XP002387985, ISSN: 1078-8956, DOI: 10.1038/75037 * Introduction * -----	1-22	
			TECHNICAL FIELDS SEARCHED (IPC)
			C12Q C07K
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 October 2012	Examiner Aguilera, Miguel
CATEGORY OF CITED DOCUMENTS 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 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			

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EPO FORM 1503 03.82 (P04C01)

15-10-2012

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	与心肌梗塞相关的遗传多态性，检测方法及其用途		
公开(公告)号	EP2474631A3	公开(公告)日	2012-11-28
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其他公开文献	EP2474631B1 EP2474631A2		
外部链接	Espacenet		

摘要(译)

本发明基于与心肌梗塞相关的遗传多态性的发现。特别地，本发明涉及含有多态性的核酸分子，由这种核酸分子编码的变体蛋白，用于检测多态性核酸分子和蛋白质的试剂，以及使用该核酸和蛋白质的方法以及使用方法。用于检测的试剂。

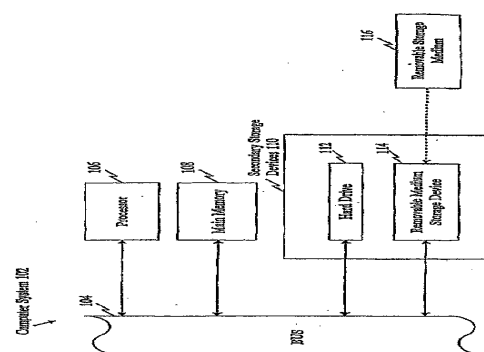


FIGURE 1