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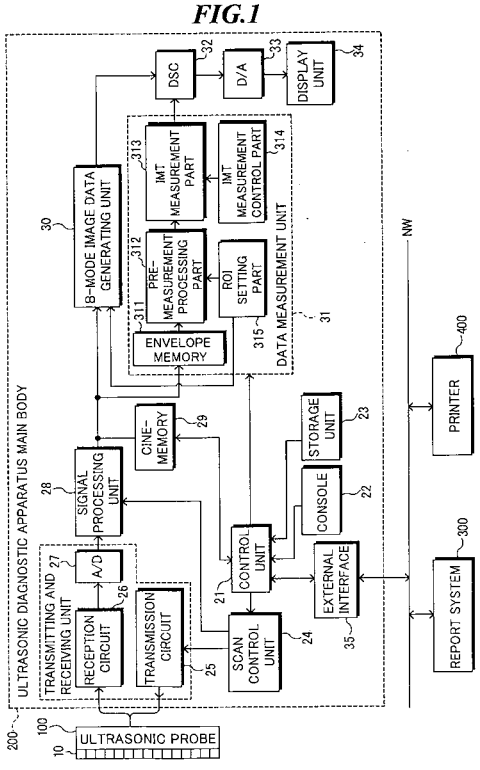
(54) Ultrasonic diagnostic apparatus, data measurement method, and data measurement program

(57) An ultrasonic diagnostic apparatus by which IMT (intima media thickness) examination can be efficiently performed by simple processing in a health check. The ultrasonic diagnostic apparatus includes: a signal processing unit (28) for performing at least envelope detection processing on reception signals outputted from an ultrasonic probe (100) to generate envelope data; an image data generating unit (30) for generating image data representing an ultrasonic image on an object to be inspected based on the envelope data; a pre-measurement processing part (312) for performing structural image generating processing on the envelope data; and a measurement part (313) for performing measurement based on the envelope data processed by the pre-measurement processing part (312).

FIG.1



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EUROPEAN SEARCH REPORT

Application Number
EP 08 00 2572

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TECHNICAL FIELDS SEARCHED (IPC)

A61B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Berlin	7 February 2013	Clevorn, Jens

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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L : document cited for other reasons

& : member of the same patent family, corresponding document

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 08 00 2572

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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)	超声波诊断装置，数据测量方法和数据测量程序		
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优先权	2007034918 2007-02-15 JP		
其他公开文献	EP1958571A2		
外部链接	Espacenet		

摘要(译)

一种超声波诊断装置，通过健康检查中的简单处理，可以有效地进行IMT（内膜中层厚度）检查。超声波诊断装置包括：信号处理单元（28），用于对从超声波探头（100）输出的接收信号进行至少包络检测处理，以产生包络数据;图像数据生成单元（30），用于基于包络数据生成表示被检查对象上的超声波图像的图像数据;预测量处理部分（312），用于对包络数据进行结构图像生成处理;测量部分（313），用于根据由预测量处理部分（312）处理的包络数据进行测量。