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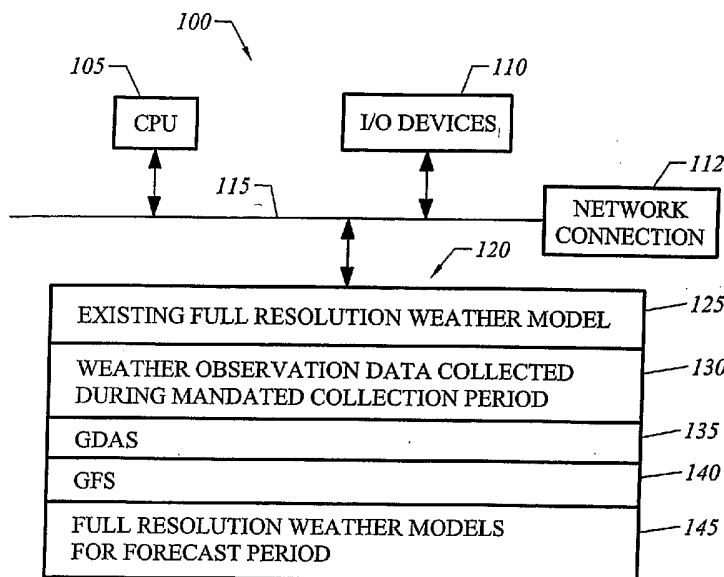
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(54) Title: METHOD AND APPARATUS FOR ADVANCED PREDICTION OF CHANGES IN A GLOBAL WEATHER FORECAST



(57) Abstract: A method for generating an accelerated global coverage weather model is disclosed by storing an existing full resolution, global coverage weather model output data in the memory of a computer. Global weather observation data is then received for less than a mandated observation period and compiled into the computer memory. An accelerated global coverage weather model output is generated based in part on the existing, full resolution, global coverage weather model data and the received weather observation data.

WO 2004/097461 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

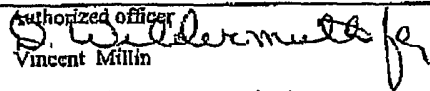
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<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 702/3; 705/37 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) West, Dialog		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,535,817 B1 (Krishnamurti) 18 March 2003 (18.03.2003), see entire document	1-41
X	US 2003/0126155 A1 (Parker et al) 3 July 2003 (03.07.2003)	42-44,46-49
Y	US 2002/0194113 A1 (Lof et al) 19 December 2002 (19.12.2002).	45
A	US 6,823,263 B1 (KELLY et al) 23 November 2004 (23.11.2004).	1-41
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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