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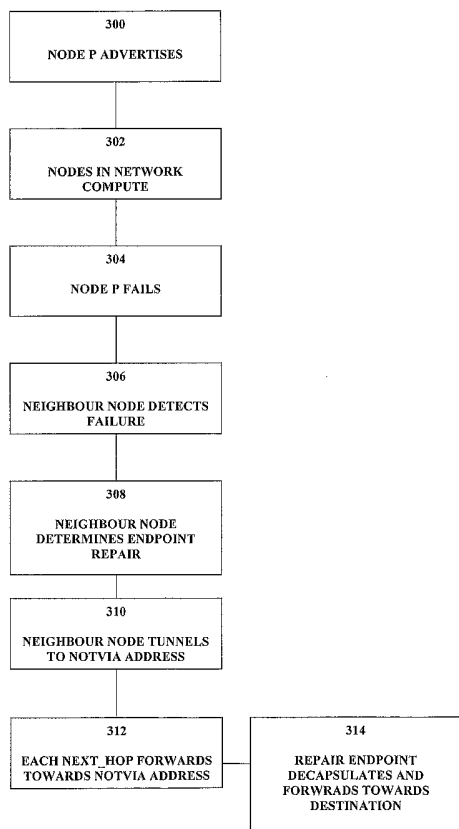
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(54) Title: METHOD AND APPARATUS FOR CONSTRUCTING A REPAIR PATH AROUND A NON-AVAILABLE COMPONENT IN A DATA COMMUNICATIONS NETWORK



(57) Abstract: A method of constructing a repair path around a non-available component in a data communications network having, as components, nodes having a network address and links there between comprises the step, performed at a participating node, of receiving from a notifying node in the network, a notification identifying the notifying node and components through which the notifying node can be reached. The method further comprises the step of deriving, from the notification, a network repair address for use in the event of non-availability of a component identified in the notification. The method further comprises the step of constructing a repair path for the repair address.

WO 2006/091652 A3



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 U.S. : 370/242, 217, 221, 218, 219, 220, 222, 223, 216

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 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	US 6,148,410 A (BASKEY et al.) 14 November 2000 (14.11.2000), see entire reference	1-4, 6-8, 11, 12, 15-21
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Y		14
A	US 6,829,215 B2 (TORNAR) 07 December 2004 (07.12.2004), see entire reference	1-21
A	US 2004/0117251 A1 (CHARLES SHAND) 17 June 2004 (17.06.2004), see entire reference	1-21

Further documents are listed in the continuation of Box C. See patent family annex.

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