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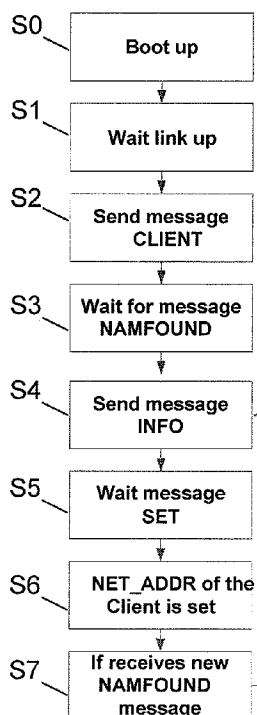
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(54) Title: DISTRIBUTED DISCOVERY AND NETWORK ADDRESS ASSIGNMENT

Fig. 4



(57) Abstract: The present invention provides a method for assigning network addresses comprising advertising a type of a device in a network towards neighboring devices, determining the type of at least one device in the network with said advertising, and defining, by the at least one device with the type determined, network addresses for the other devices. Further, the present invention also provides respective devices of the network.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	EP 1 081 921 A (PHOENIX CONTACT GMBH & CO [DE]) 7 March 2001 (2001-03-07) paragraph [0012] - paragraph [0035]; figures 1-6	1-24		
A	----- EP 1 558 002 A (SIEMENS AG [DE]) 27 July 2005 (2005-07-27) paragraph [0011] - paragraph [0054]; figures 1-3 -----	1-24		
<input type="checkbox"/> Further documents are listed in the continuation of Box C.				
<input checked="" type="checkbox"/> See patent family annex.				
* Special categories of cited documents :				
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