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(54) Title: A METHOD FOR MANAGING A FAULT EVENT IN A NETWORK FOR DISTRIBUTING ELECTRICAL ENERGY, AND A CORRESPONDING ELECTRONIC PROTECTION UNIT.

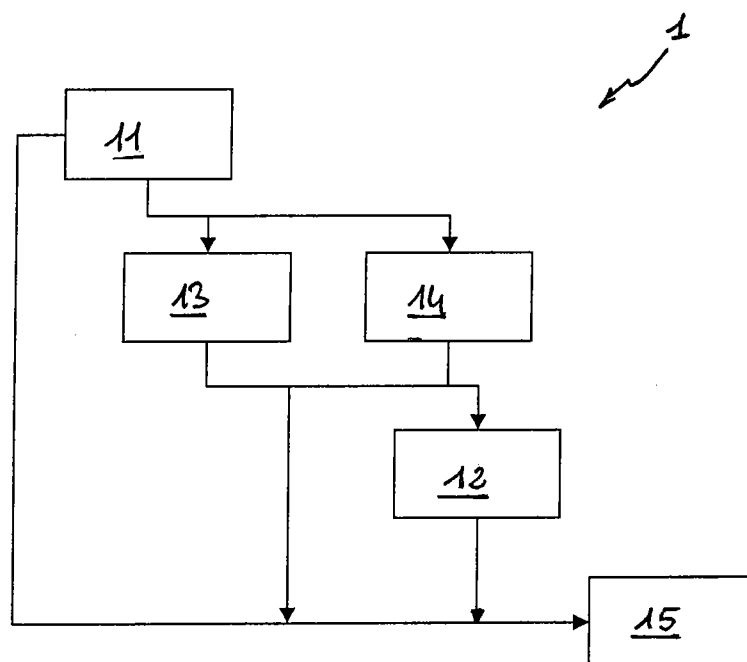


Fig. 1

(57) Abstract: The present invention relates to a method (1) for managing a fault event in a network for distributing low- voltage or high- voltage electrical energy (100), which comprises at least one voltage source (101) and a load (102). The method according to the invention comprises at least one step (11) of execution of a first procedure for detecting the existence of fault conditions in said load and at least one step (15) of execution of a second procedure designed to determine, on the basis of the evolution in time of the derivative of the instantaneous current in said load, the state of execution of an interruption manoeuvre started by at least one protection device (103, 103 A-C), designed to interrupt locally the passage of current in said load. In a further aspect thereof, the present invention relates also to an electronic protection unit that is able to execute the aforesaid method.

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Minimum documentation searched (classification system followed by classification symbols)

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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 practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	page 1, lines 3-6; figure 1 page 3, lines 23-28 page 4, lines 5-16 page 5, lines 20-32 page 6, lines 5,28-31 page 7, lines 33-38	2
X	US 2003/169548 A1 (CLAREY ROBERT J [US] ET AL) 11 September 2003 (2003-09-11) paragraphs [0020] - [0022], [0024], [0025]; figure 1 ----- -/--	1,10

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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