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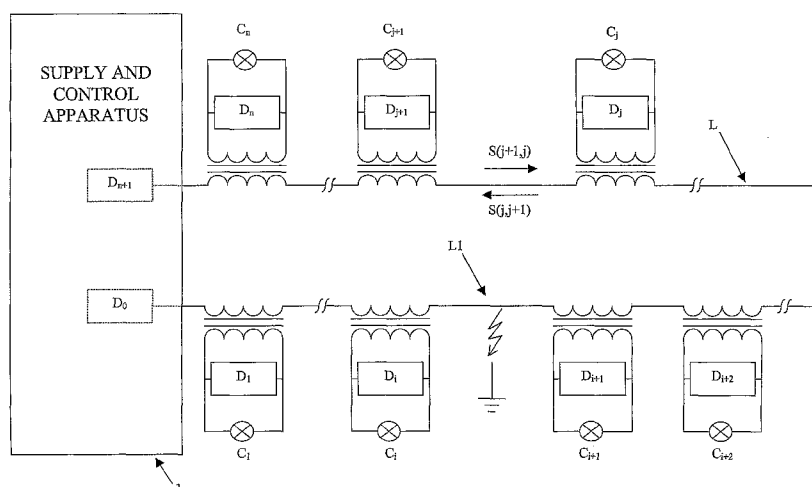
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(54) Title: A METHOD FOR DETECTING AND LOCATING A GROUND FAILURE IN AN ELECTRICAL LINE



(57) Abstract: A method for detecting and locating a ground failure in an electrical line, of the type comprising a plurality of electrical loads connected to an electrical line (L) and supplied by a supply and control apparatus (1), each electrical load consisting of a load element and an auxiliary device, electrically connected to each other, with said method providing for: the transmission, over the electrical line (L), of at least a first control signal ((S(i,i+1))) from a first auxiliary device (Di), associated to a corresponding first load (Ci) belonging to the plurality of electrical loads, to a second auxiliary device ((Di+1)), associated to a corresponding second load ((Ci+1)), adjacent the first load (Ci), belonging to the plurality of electrical loads; the reception of the first control signal ((S(i,i+1))), transmitted by the first auxiliary device (Di), by the second auxiliary device ((Di+1)); the transmission of a first information signal (Inf(i+1,i)) to the supply and control apparatus (1) by the second auxiliary device ((Di+1)).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H05B

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)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	page 1, lines 17-25 page 2, lines 12-27 page 4, lines 2-10 page 7, lines 21-30 page 13, lines 31-33 page 15, line 12 - page 16, line 27; figures 1, 10	1, 2
X	EP 0 448 358 A (TOSHIBA) 25 September 1991 (1991-09-25) column 4, line 35 - column 6, line 25; figures 4, 5, 7, 8	25, 26, 28, 29
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☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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