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(54) **Title:** METHODS AND DEVICES FOR ADJUSTING RESOURCE MANAGEMENT PROCEDURES BASED ON MACHINE DEVICE CAPABILITY INFORMATION

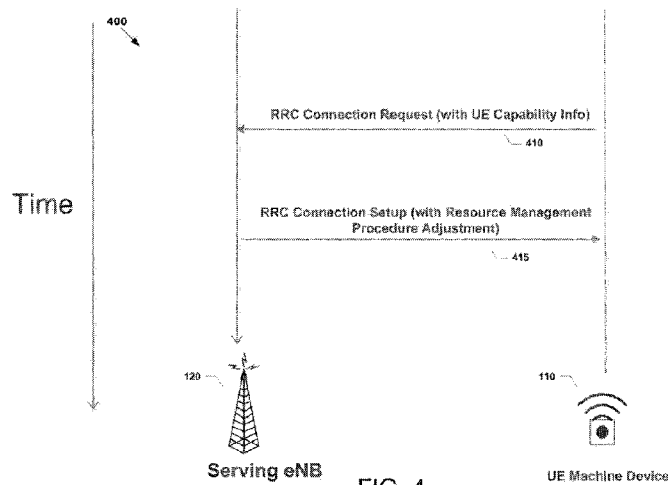


FIG. 4

(57) **Abstract:** Devices and methods for adjusting resource management procedures based on machine device capability information are disclosed. In one aspect, a method for adjusting resource management procedures in a machine device communicating with a node operating in a communication network includes receiving a first message from the machine device, the first message including machine device capability information, processing the received machine device capability information to determine an adjustment to a resource management procedure, and transmitting a second message to the machine device, the second message including the determined resource management procedure adjustment- The first and second messages may be radio resource control (RRC) messages, such as RRC connection request and setup messages.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 H04W
 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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 251 562 A1 (MTARRI REMEDIAL RESOURCES INC [US]) 7 January 1988 (1988-01-07)	1-8, 10-18, 20-28, 30-38,45
Y	abstract paragraphs [0001], [0005] - [0018], [0024] - [0029], [0032] - [0035]; claims 1,3; figures 3,5	9,19,29, 39-41
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Y	US 2011/086635 A1 (GROB-LIPSKI HEIDRUN [DE]) 14 April 2011 (2011-04-14)	9,19,29, 39
A	abstract paragraphs [0011] - [0012], [0023] - [0028], [0030] - [0031], [0036]; claims 1,4,5,6,11; figures 1-3	1-8, 10-18, 20-28, 30-38, 40-45
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer <p style="text-align: center; font-size: 1.2em;">Delucchi, Cecilia</p>
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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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A	abstract paragraphs [0006], [0036], [0042] - [0043], [0051] - [0060] -----	1-39, 42-45
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