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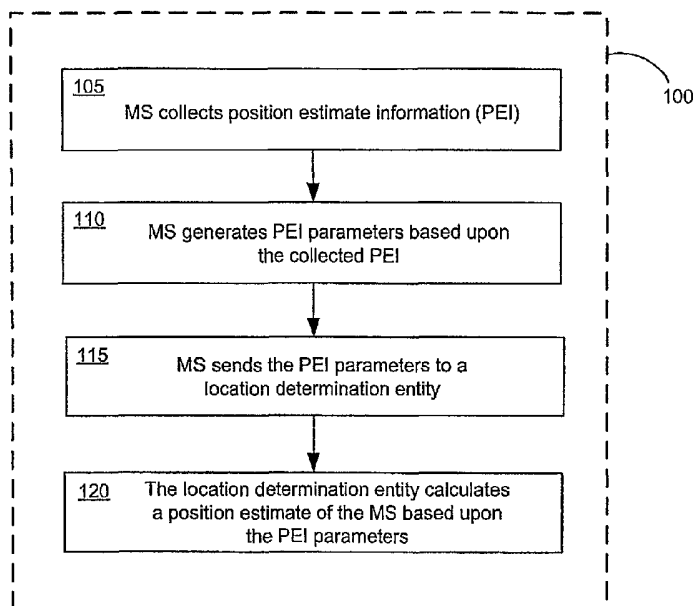
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR CALCULATING A POSITION ESTIMATE OF A MOBILE STATION USING NETWORK INFORMATION



(57) Abstract: A method for calculating a position estimate of a mobile station (MS) includes collecting in the MS position estimate information (PEI) transmitted by a location node. At some point, the MS generates PEI parameters which include information from which the location node can be located or identified. The MS generates the PEI parameters based upon the PEI transmitted by the location node. Once generated, the MS sends the PEI parameters to a position determination entity. The PEI parameters permit calculation of the position estimate of the mobile station.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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U.S. : 455/456.1-456.6, 414.1, 404.1-404.2

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---------------|---|--|
| X --- Y | US 2003/0008669 A1 (STEIN et al) 09 January 2003 (09.01.2003), whole document | 1-3, 5-6, 9-10, 14, 16-17, 19-28, 31-32, 35-36, 39, 41-43, 45, 48-49, 52, 54-64 4, 7-8, 11, 13, 15, 18, 29-30, 33-34, 40, 44, 46-47, 50, 53 |
| X | US 2002/0115448 A1 (AMERGA et al) 22 August 2002 (22.08.2002) whole document | 1-3, 5-6, 12, 16-17, 19-23, 27-28, 32, 35, 38, 41-43, 45, 48, 51 |
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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| Y | US 2003/0050077 A1 (TAKEUCHI et al) 13 March 2003 (13.03.2003), paragraph 20, 25, 27 | 4, 29-30, 44, |
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