tion in which the first switching entity is registered for the terminal as a contact point for centralized services, means for starting a waiting timer for waiting for a registration request for registering the terminal with respect to a second switching entity upon detection of said deregistration request, and means for re-registering the terminal in the registration such that the second switching entity is registered for the terminal as a contact point for centralized services upon detection of the registration request for registering the terminal with respect to the second switching entity before expiry of the waiting timer.

[0027] According to an exemplary aspect of the present invention, there is provided a computer program product comprising computer-executable computer program code which, when the program code is executed on a computer or the program is run on a computer (e.g. a computer of an apparatus according to any one of the aforementioned apparatus-related exemplary aspects of the present invention), is configured to cause the computer to carry out the method according to the aforementioned method-related exemplary aspect of the present invention.

[0028] The computer program product may comprise or may be embodied as a (tangible) computer-readable (storage) medium or the like, on which the computer-executable computer program code is stored, and/or the program is directly loadable into an internal memory of the computer or a processor thereof.

[0029] Further developments and/or modifications of the aforementioned exemplary aspects of the present invention are set out in the following.

[0030] By way of exemplary embodiments of the present invention, there is enabled/realized service continuity in a centralized service network system, especially in a situation of terminal mobility between different switching entities.

[0031] Thus, improvement is achieved by methods, apparatuses and computer program products enabling/realizing service continuity in a centralized service network system, especially in a situation of terminal mobility between different switching entities.

BRIEF DESCRIPTION OF THE DRAWINGS

[0032] In the following, the present invention will be described in greater detail by way of non-limiting examples with reference to the accompanying drawings, in which

[0033] FIG. **1** shows a schematic diagram illustrating a first example of a communication system architecture, in which exemplary embodiments of the present invention are applicable,

[0034] FIG. **2** shows a schematic diagram illustrating second example of a communication system architecture, in which exemplary embodiments of the present invention are applicable,

[0035] FIG. **3** shows a schematic diagram illustrating a centralized service architecture, in which exemplary embodiments of the present invention are applicable,

[0036] FIG. **4** shows a signaling diagram of a conventional procedure in a first exemplary re-routing scenario,

[0037] FIG. **5** shows a signaling diagram of a conventional procedure in a second exemplary re-routing scenario,

[0038] FIG. **6** shows a flowchart illustrating a first example of a method according to exemplary embodiments of the present invention,

[0039] FIG. **7** shows a flowchart illustrating a second example of a method according to exemplary embodiments of the present invention,

[0040] FIG. **8** shows a signaling diagram of a first example of a procedure in the first exemplary re-routing scenario according to exemplary embodiments of the present invention,

[0041] FIG. **9** shows a signaling diagram of a second example of a procedure in the first exemplary re-routing scenario according to exemplary embodiments of the present invention,

[0042] FIG. **10** shows a signaling diagram of a first example of a procedure in the second exemplary re-routing scenario according to exemplary embodiments of the present invention,

[0043] FIG. **11** shows a signaling diagram of a second example of a procedure in the second exemplary re-routing scenario according to exemplary embodiments of the present invention, and

[0044] FIG. **12** shows a schematic diagram illustrating an exemplary structure of apparatuses according to exemplary embodiments of the present invention.

DETAILED DESCRIPTION OF DRAWINGS AND EMBODIMENTS OF THE PRESENT INVENTION

[0045] The present invention is described herein with reference to particular non-limiting examples and to what are presently considered to be conceivable embodiments of the present invention. A person skilled in the art will appreciate that the invention is by no means limited to these examples, and may be more broadly applied.

[0046] It is to be noted that the following description of the present invention and its embodiments mainly refers to specifications being used as non-limiting examples for certain exemplary network configurations and deployments. Namely, the present invention and its embodiments are mainly described in relation to 3GPP specifications being used as non-limiting examples for certain exemplary network configurations and deployments. In particular, for explaining applicability of thus described exemplary embodiments in an illustrative manner, an EPS/ICS system is used as a non-limiting example of a network system, and CSFB is used as a non-limiting example of the cause of a re-routing situation of a terminal. As such, the description of exemplary embodiments given herein specifically refers to terminology which is directly related thereto. Such terminology is only used in the context of the presented non-limiting examples, and does naturally not limit the invention in any way. Rather, any other network configuration or system deployment, etc. may also be utilized as long as compliant with the features described herein.

[0047] In particular, the present invention and its embodiments may be applicable in any cellular communication system and/or system deployment in which centralized services could be provided/executed on the basis of a registration of a switching entity as a contact point for a terminal. For example, exemplary embodiments of the present invention are applicable in an architecture according to any one of FIGS. **1** to **3**, and/or in/for a scenario according to any one of FIGS. **4** and **5**, as described above.

[0048] Hereinafter, various embodiments and implementations of the present invention and its aspects or embodiments are described using several variants and/or alternatives. It is