[0025] In a method according to an embodiment of the invention, an indication of correct installation of said plug-in unit is produced if each of the distance indicators, which are located in said plug-in unit at a distance from each other, indicates correct installation of said plug-in unit.

[0026] As is obvious to a person skilled in the art, the invention and its embodiments are not limited to the illustrative embodiments described above. Expressions used in the claims describing the existence of characteristic features, such as "the arrangement comprises at least one distance indicator" are non-exclusive such that a mention of a characteristic feature shall not exclude the existence of other characteristic features not mentioned in the independent or dependent claims.

1. An arrangement for indicating correct installation of a plug-in unit of a telecommunications device, the arrangement comprising at least one distance indicator located in said plug-in unit and adapted to produce an indication for correct installation of the plug-in unit in response to a situation where the distance of the distance indicator from a wall of a frame of the telecommunications device is smaller than a predetermined threshold value, said distance indicator being capable of producing said indication without a need for a galvanically conducted electric current between said distance indicator and said frame of the telecommunications device, and said predetermined threshold value being chosen such that when the distance indicator produces said indication, reliable galvanic contacts have been formed in electric connectors between said plug-in unit and said frame.

2. An arrangement according to claim **1**, wherein said at least one distance indicator is an electromechanical limit switch adapted to produce said indication in response to a situation where said plug-in unit has been pushed towards said wall of the frame of the telecommunications device, a first part of said limit switch has contacted the wall, and said first part has moved in relation to a second part of said limit switch, which second part is fixed relative to the plug-in unit.

3. An arrangement according to claim **1**, wherein said at least one distance indicator is a capacitive distance sensor.

4. An arrangement according to claim **1**, comprising at least two distance indicators located in said plug-in unit at a distance from each other, and an electric circuit adapted to indicate correct installation of said plug-in unit in response to a situation where each of said at least two distance indicators indicates correct installation of said plug-in unit.

5. A method for indicating correct installation of a plug-in unit of a telecommunications device, the method comprising producing an indication for correct installation of said plug-in unit with the aid of at least one distance indicator located in said plug-in unit in response to a situation where the distance of said distance indicator from a wall of the frame of said telecommunications device is smaller than a predetermined threshold value, said distance indicator being capable of producing said indication without a need for a galvanically conducted electric current between said distance indicator and said frame of the telecommunications device, and said predetermined threshold value being chosen such that when the distance sensor produces said indication reliable galvanic contacts will have been formed in electric connectors between said plug-in unit and said frame.

6. A method according to claim **5**, wherein said indication is produced with an electromechanical limit switch in response to a situation where the plug-in unit has been pushed towards said wall of the frame of the telecommunications device, a first part of said limit switch has contacted the wall, and said first part has moved in relation to a second part of said limit switch, which second part is fixed relative to the plug-in unit.

7. A method according to claim **5**, wherein said indication is produced with a capacitive distance sensor.

8. A method according to claim **5**, wherein an indication of correct installation of said plug-in unit is produced if each of the distance indicators, which are located in said plug-in unit at a distance from each other, indicates correct installation of said plug-in unit.

9. A plug-in unit for a telecommunications device, the plug-in unit comprising at least one distance indicator adapted to produce an indication for correct installation of said plug-in unit in response to a situation where the distance of said distance indicator from a wall of the frame of said telecommunications device is smaller than a predetermined threshold value, said distance indicator being capable of producing said indication without a need for a galvanically conducted electric current between said distance indicator and said frame of the telecommunications device, and said predetermined threshold value being chosen such that when the distance indicator produces said indication, reliable galvanic contacts have been formed in electric connectors between said plug-in unit and said frame.

10. A plug-in unit according to claim **9**, wherein said at least one distance indicator is an electromechanical limit switch adapted to produce said indication in response to a situation where said plug-in unit has been pushed towards said wall of the frame of the telecommunications device, a first part of said limit switch has made contact with the wall, and said first part has moved in relation to a second part of said limit switch, which second part is fixed relative to the plug-in unit.

11. A plug-in unit according to claim **9**, wherein said at least one distance indicator is a capacitive distance sensor.

12. A plug-in unit according to claim **9**, comprising at least two distance indicators located at a distance from each other, and an electric circuit adapted to indicate correct installation of said plug-in unit in response to a situation where each of said at least two distance indicators indicates correct installation of said plug-in unit.

13. A plug-in unit according to claim **9**, comprising processor equipment for handling data communications.

14. A plug-in unit according to claim **13**, wherein said processor equipment is adapted to support the functionality of at least one of the following: IP (Internet Protocol) router, ATM (Asynchronous Transfer Mode) switch, Ethernet switch, and MPLS (Multi Protocol Label Switching) switch.

15. An arrangement according to claim **2**, comprising at least two distance indicators located in said plug-in unit at a distance from each other, and an electric circuit adapted to indicate correct installation of said plug-in unit in response to a situation where each of said at least two distance indicators indicates correct installation of said plug-in unit.

16. An arrangement according to claim **3**, comprising at least two distance indicators located in said plug-in unit at a distance from each other, and an electric circuit adapted to indicate correct installation of said plug-in unit in response to a situation where each of said at least two distance indicators indicates correct installation of said plug-in unit.

17. A method according to claim **6**, wherein an indication of correct installation of said plug-in unit is produced if each