

25. A communications system according to claim 24, wherein

the first network node is arranged to generate a CAMEL call reference number and to add at least the CAMEL call reference number and its address as CAMEL-related information to the SIP message.

26. A communications system according to claim 24, wherein

the first network node is arranged to generate a CAMEL call reference number, to code at least the CAMEL call reference number and its own address to a digit string and to add at least the digit string as CAMEL-related information to the SIP message; and

the second network node is arranged to decode the digit string.

27. A communications system according to any one of the preceding claims 24 to 26, wherein the SIP message is a SIP INVITE message comprising CAMEL-related information in the header of the SIP INVITE message.

28. A communications system according to any one of the preceding claims 24 to 26, wherein the SIP message is a SIP INVITE message comprising CAMEL-related information in the body of the SIP INVITE message.

29. A communications system providing IP telephony, comprising at least

user equipment;

a first network node; and

a second network node,

wherein

the first network node is arranged to add first service reference information relating to a call made to the user equipment to an IP telephony signalling protocol message initiating a session, to send the IP telephony signalling protocol message initiating a session to the second network node, to receive a response message acknowledging the IP telephony signalling protocol message initiating a session and to separate second service reference information relating to the call from the SIP response message; and

the second network node is arranged to separate the first service reference information from the IP telephony signalling protocol message initiating a session, to add the second service reference information to the response message and to send the response message to the first network node.

30. A communications system using SIP for IP telephony and providing a CAMEL service, comprising at least

user equipment;

a first network node; and

a second network node,

wherein

the first network node is arranged to add first CAMEL-related information relating to a call made to the user equipment to a SIP INVITE message, to send the SIP INVITE message to the second network node, to receive a SIP response message acknowledging the SIP INVITE message and to separate second CAMEL-related information relating to the call from the SIP response message; and

the second network node is arranged to separate the first CAMEL-related information from the SIP INVITE message, to add the second CAMEL-related information to the SIP response message and to send the SIP response message to the first network node.

31. A communications system according to claim 30, wherein

the first CAMEL-related information includes at least the address of the first network node,

the second network node is further arranged to generate a CAMEL call reference number; and

the second CAMEL-related information includes at least the CAMEL call reference number.

32. A communications system according to claim 30, wherein

the first network node is further arranged to generate a CAMEL call reference number; and

the first CAMEL-related information includes at least the generated CAMEL call reference number; and

the second CAMEL-related information includes at least the address of the second network node.

33. A network node in a communications system providing IP telephony, wherein the network node comprises means for adding service reference information to an IP telephony signalling protocol message.

34. A network node in a communications system providing IP telephony, wherein the network node comprises means for separating service reference information from an IP telephony signalling protocol message.

35. A network node in a communications system using SIP and providing a CAMEL service, wherein the network node comprises means for adding CAMEL-related information to a SIP message.

36. A network node in a communications system using SIP and providing a CAMEL service, wherein the network node comprises means for generating a CAMEL call reference number and means for adding at least the CAMEL call reference number as CAMEL-related information to a SIP message.

37. A network node according to claim 33, 34, 35 or 36, wherein the network node comprises a call state control function.

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