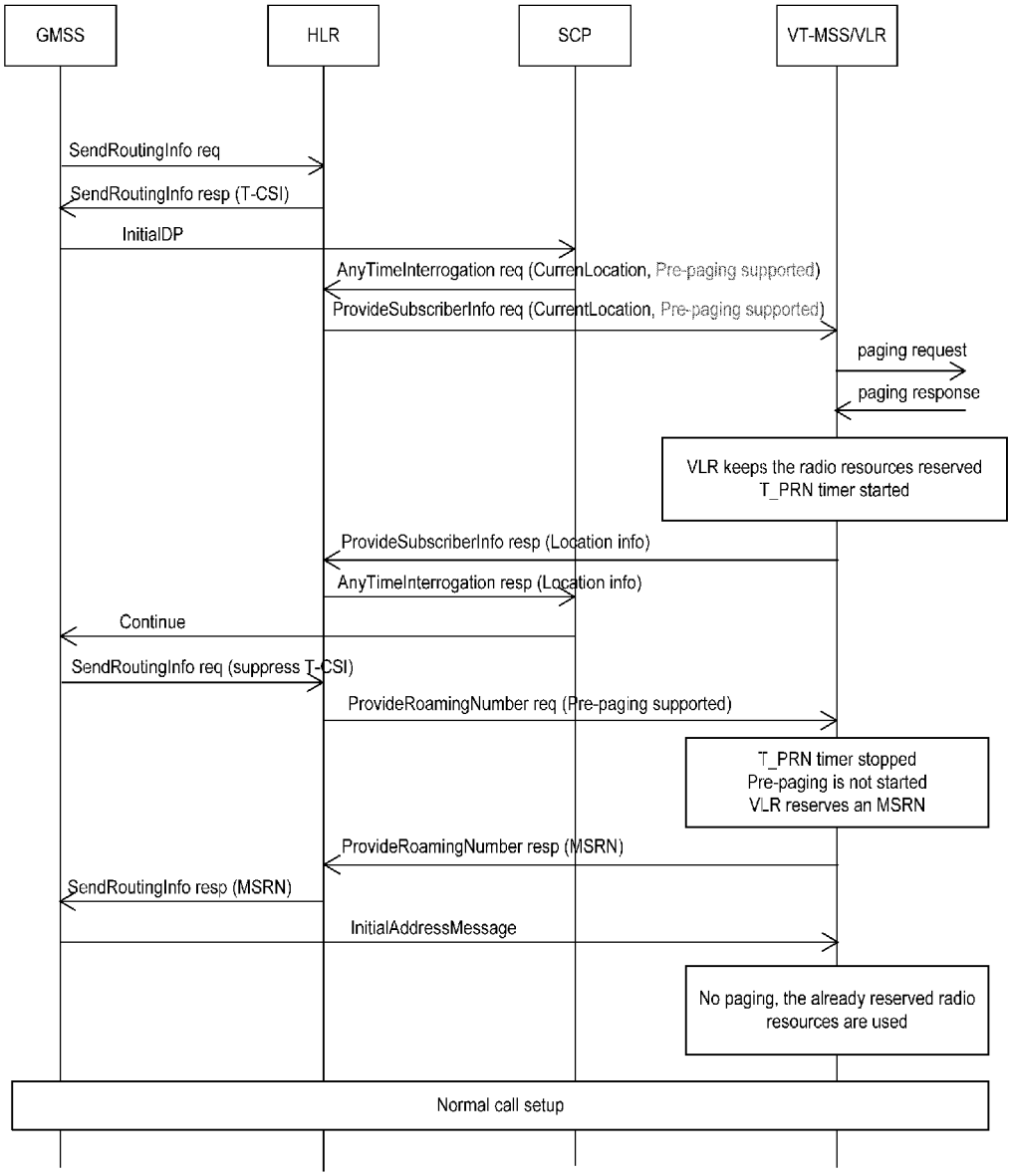
GMSS
HLR
SCP
VT-MSS/VLR
SendRoutingInfo req
SendRoutingInfo resp (T-CSI)
InitialDP
AnyTimeInterrogation req (CurrenLocation, Pre-paging supported)
ProvideSubscriberInfo req (CurrentLocation, Pre-paging supported)
paging request
paging response
VLR keeps the radio resources reserved
T_PRN timer started
ProvideSubscriberInfo resp (Location info)
AnyTimeInterrogation resp (Location info)
Continue
SendRoutingInfo req (suppress T-CSI)
ProvideRoamingNumber req (Pre-paging supported)
T_PRN timer stopped
Pre-paging is not started
VLR reserves an MSRN
ProvideRoamingNumber resp (MSRN)
SendRoutingInfo resp (MSRN)
InitialAddressMessage
No paging, the already reserved radio resources are used
Normal call setup

Fig. 1