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Lohr et al.

(54) **SCHEDULING OF MOBILE TERMINALS IN A MOBILE COMMUNICATION SYSTEM**

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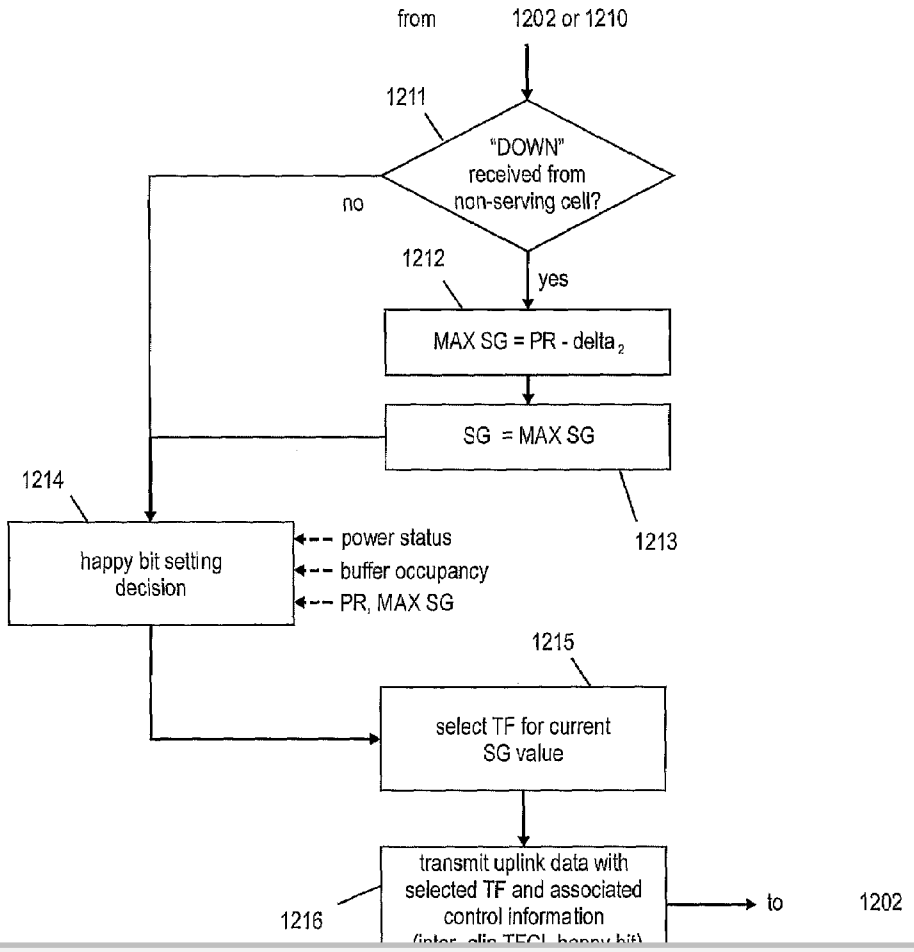
(57) **ABSTRACT**

The invention relates to a method for scheduling mobile terminals within a mobile communication network and to a base station performing this method. Further, the invention relates to a method for acting upon the reception of scheduling grants in a mobile communication system and to a mobile terminal performing this method. To allow the serving cell to control resource utilization for uplink transmissions of UEs in soft-handover, without thereby decreasing the system throughput of UEs in the serving cell which are not in soft-handover, the invention proposes to use control information transmitted via a shared absolute grant channel to the UEs along with an absolute grant, wherein the control information indicate whether the absolute grant is valid for mobile terminals in soft-handover only.



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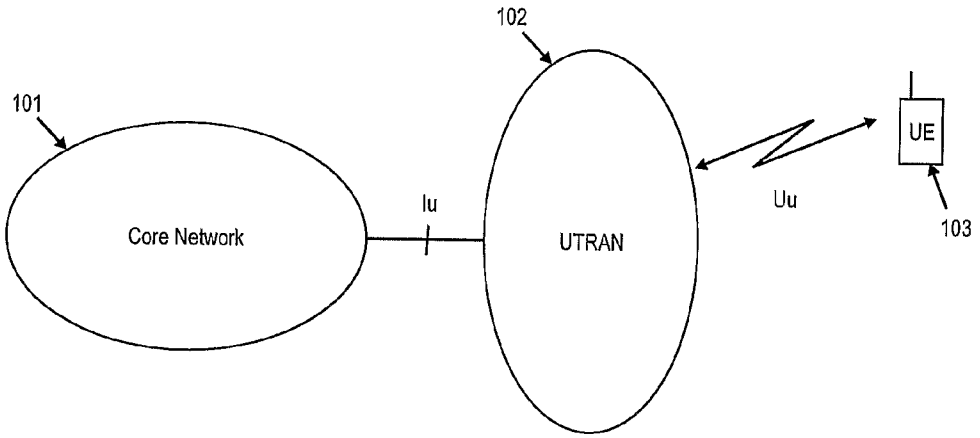

Fig. 1

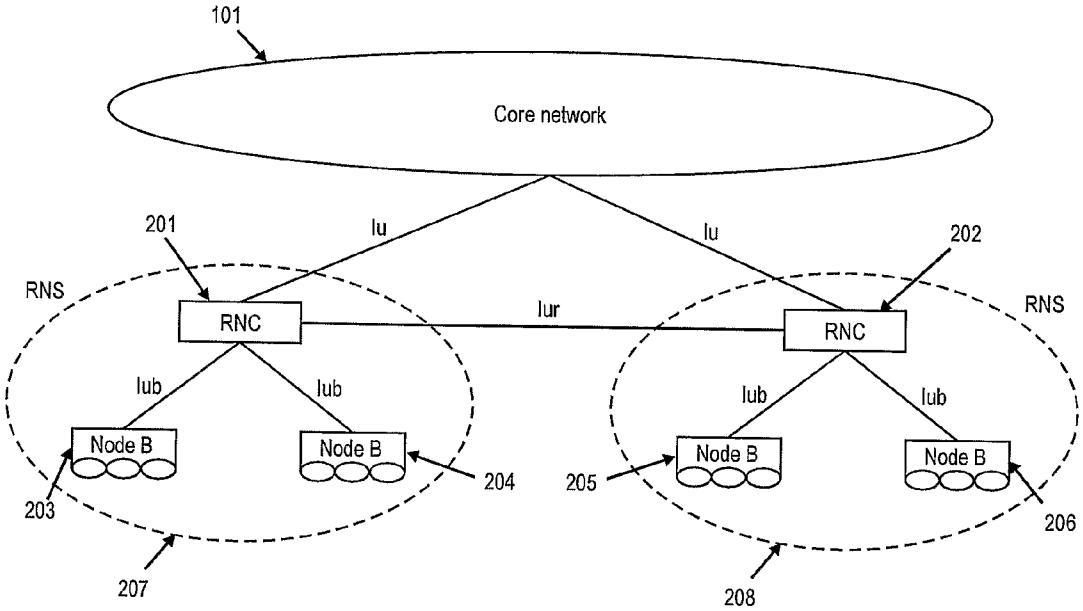

Fig. 2

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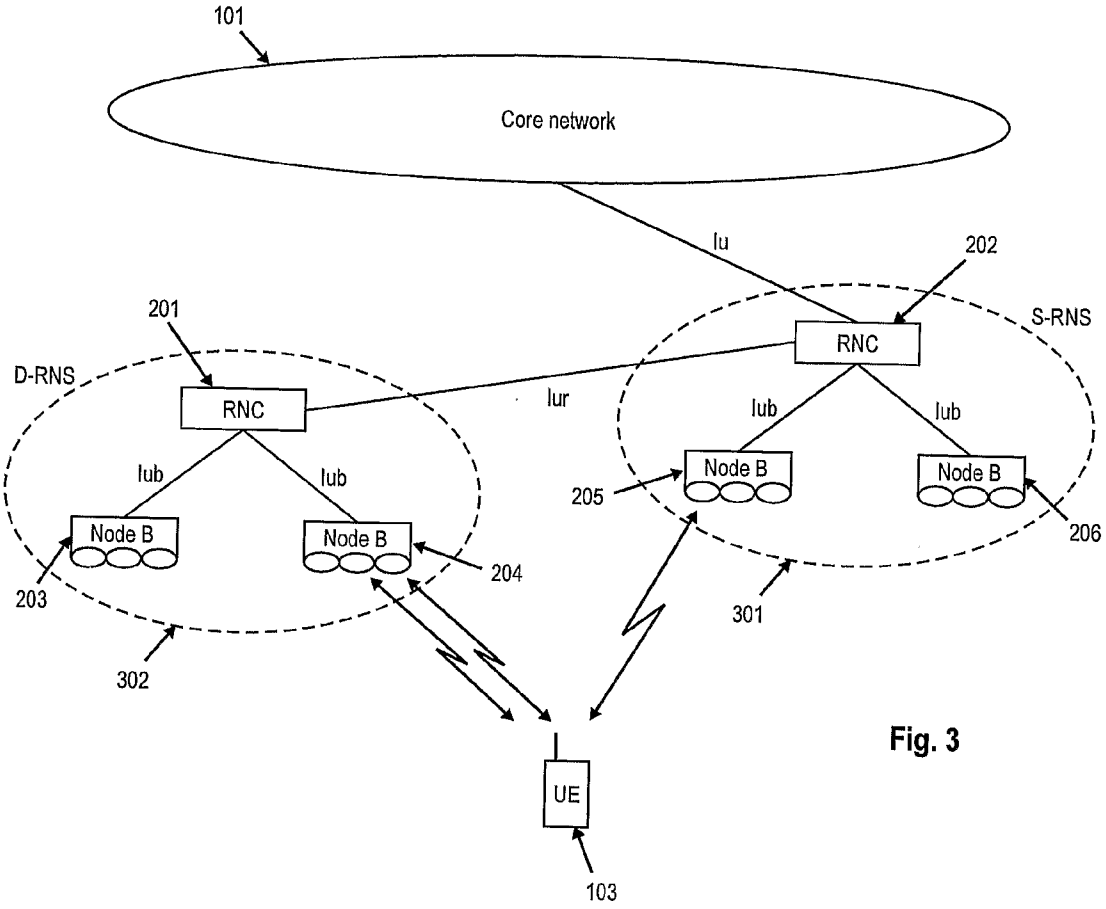

Fig. 3

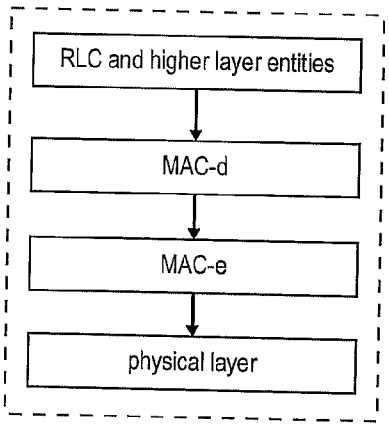

Fig. 4

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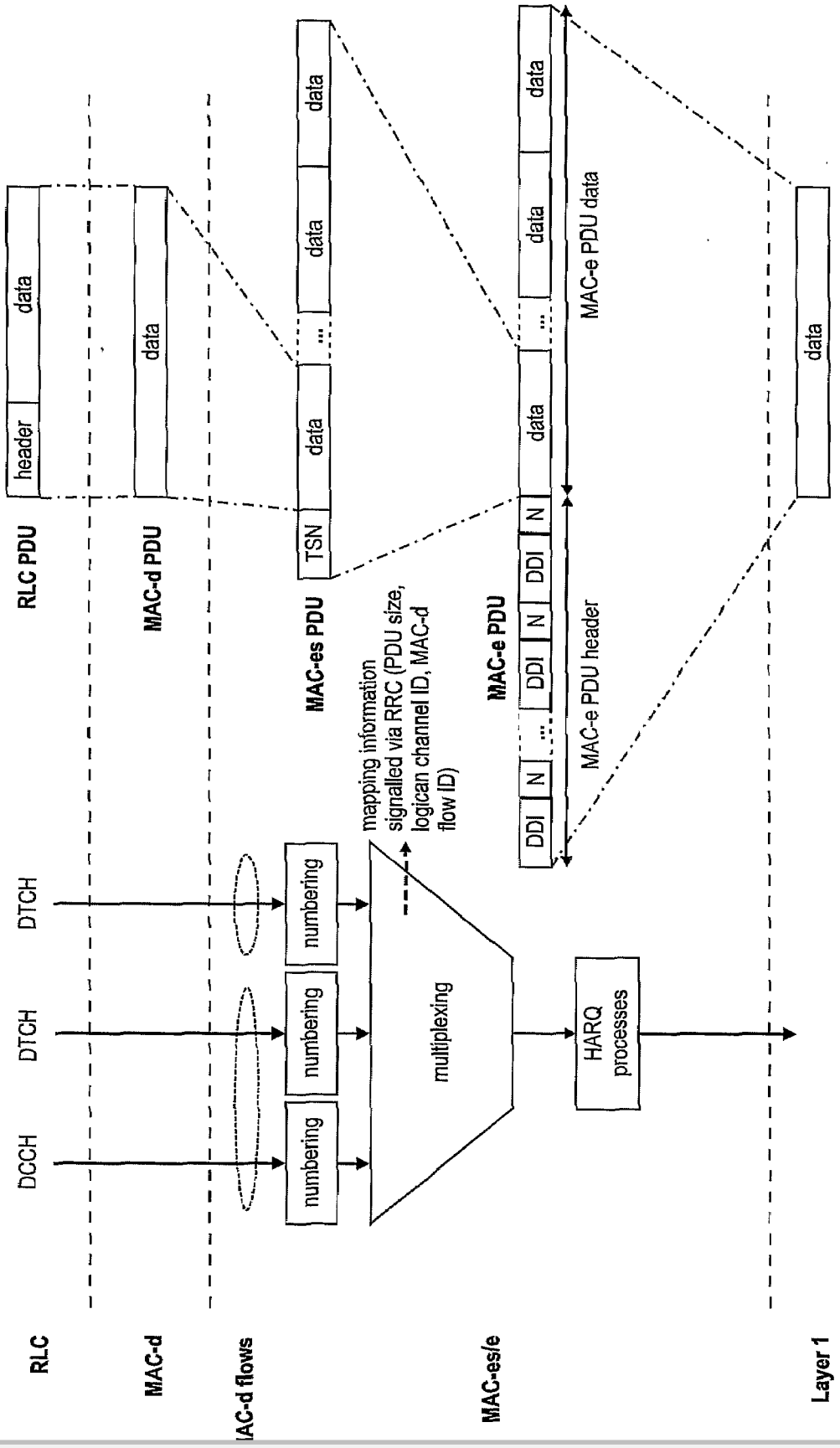

Fig. 5

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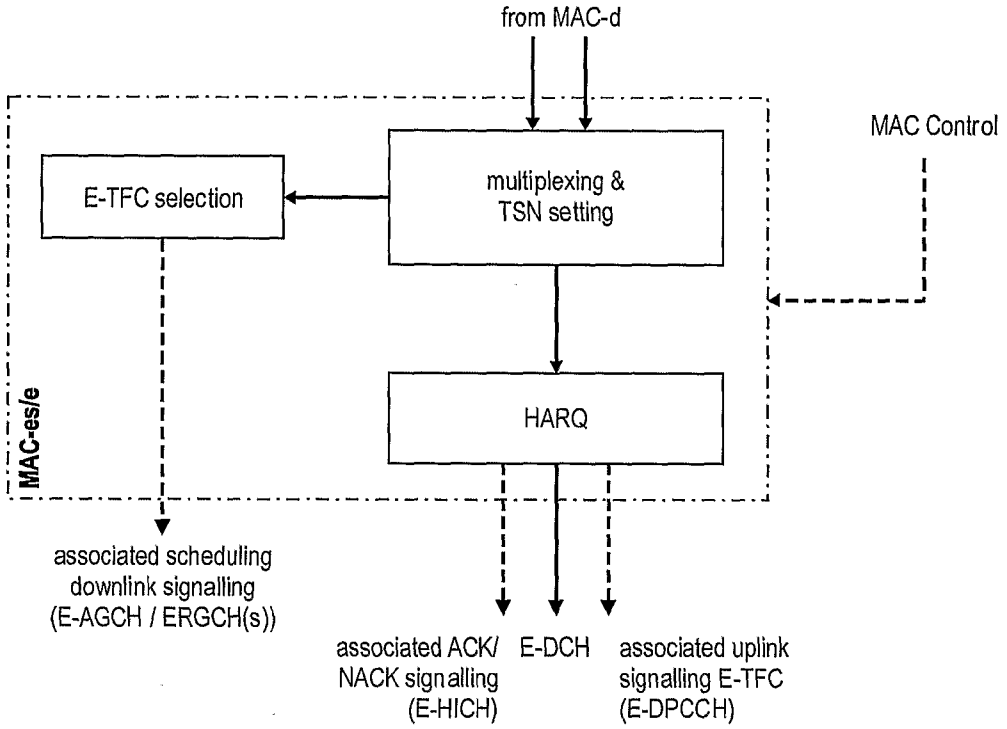

Fig. 6

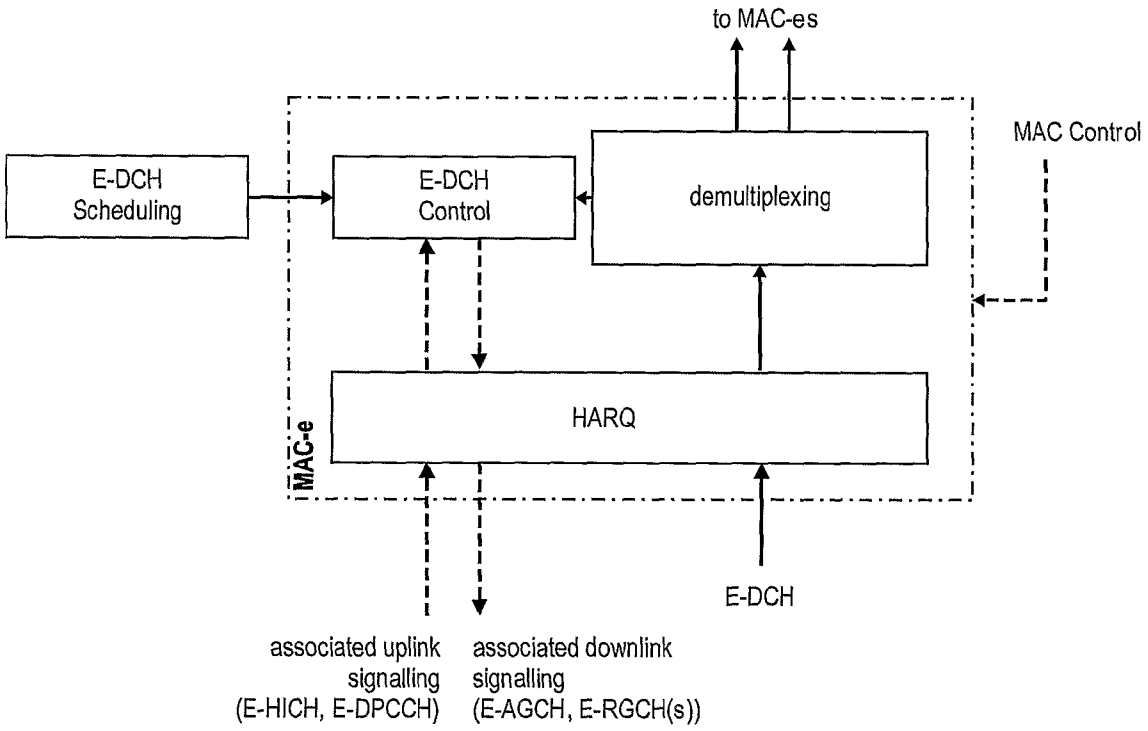

Fig. 8

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