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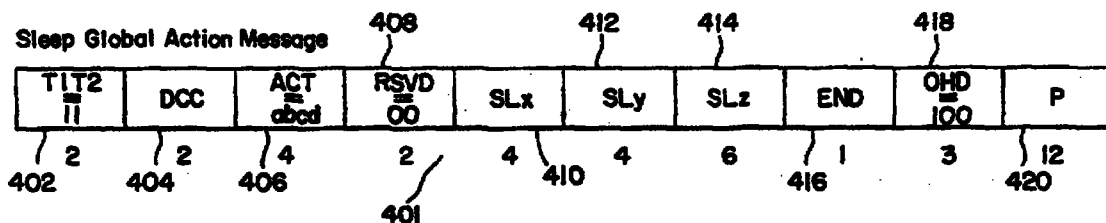


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(54) Title: METHOD AND SYSTEM OF DATA TRANSMISSION AND RECEPTION IN A MOBILE STATION WITHIN A RADIO TELECOMMUNICATIONS SYSTEM



(57) Abstract

A method and system of transmitting and receiving data in a mobile telecommunications system which reduces power consumption in mobile stations operating within the system. Mobile stations (M) are divided into a plurality of sleep groups and a sleep message, which is transmitted in the control channel Overhead Message Train (OMT) as a Global Action Overhead Message (GAOM) (401) is introduced. The bits of the sleep message contain data fields (410, 412, 414) which indicate to mobile stations in each of the sleep groups when to monitor the control channel on which the sleep message was transmitted.