

Title (en)

TIME MANAGEMENT USING COMMON CHANNEL SIGNALLING IN A CELLULAR TELECOMMUNICATION NETWORK

Title (de)

ZEITVERWALTUNG MIT GEMEINSAMER KANALSIGNALISIERUNG IN EINEM ZELLULAREN TELEKOMMUNIKATIONSNETZ

Title (fr)

SIGNAUX HORODATEURS UTILISANT LES CANAUX COMMUNS DE SIGNALISATION DANS UN RESEAU CELLULAIRE DE TELECOMMUNICATIONS

Publication

EP 1157485 A2 20011128 (EN)

Application

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Priority

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Abstract (en)

[origin: WO0051366A2] A time stamp distribution system and corresponding method for a cellular telecommunication network (10), wherein a time distributing master node (20) receives a unique time stamp value from a reliable time source (24), such as a GPS terminal device, and forwards this time stamp value to a plurality of time slave nodes (22a-22c) of the cellular telecommunication system, through the signalling network (14) of the cellular telecommunication network. Upon receipt of the time stamp value, the time slaves nodes can synchronise their own internal clocks (23a-23c), so that time drifts between co-operating cellular nodes are avoided. The time synchronisation sequence can be either manually or automatically initiated from both the master node side and the slave node side.

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