

Title (en)

HANDOVER IN A MULTI-BEARER-TYPE NETWORK

Title (de)

WEITERREICHUNG IN EINEM NETZWERK DES MEHRTRÄGERTYPS

Title (fr)

TRANSFERT INTERCELLULAIRE DANS UN RESEAU DU TYPE A PORTEUSES MULTIPLES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0172076A1] A network element, or MBAS, for supporting mobility of mobile nodes (MN) in a system (MBN) which is connected to several different cellular bearer networks (BN) including unidirectional networks (DAB, DVB) and bidirectional networks (GSM, GPRS, UMTS). The MBAS is associated with at least one support area, each support area comprising one or more cells in the bearer networks (BN). The MBAS acts as a home agent to mobile nodes at home and as a foreign agent to visiting mobile nodes. The home agent and foreign agent functions are substantially compatible with mobile-IP protocol. The MBAS and the mobile node (MN) have a handover logic for handing over a mobile node to a neighbouring network element. The handover logic is adapted to provide continuous service for a mobile node after it has moved to the support area of the neighbouring network element and before it has re-registered with its home agent.

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