

Title (en)  
ADAPTATION OF THE TIMING ADVANCE IN SYNCHRONOUS HANDOVER

Title (de)  
ANPASSUNG DES TIMING ADVANCE BEIM SYNCHRONEN HANDOVER

Title (fr)  
ADAPTATION D'AVANCE TEMPORELLE EN CAS DE TRANSFERT SYNCHRONE

Publication  
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Application  
**EP 01964898 A 20010810**

Priority  
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Abstract (en)  
[origin: WO0215624A1] The aim of the invention is to adapt the timing advance of a mobile terminal (MS) during synchronous handover from a first (BS1) to a second base station (BS2) of a radio communications system. To this end a time delay ( DELTA t, DELTA ta, DELTA td) between time standard (N1, 2, N2a, N2d) received by the terminal from the two base stations are measured. A timing advance value (TA1) that is used by the terminal (MS) prior to handover for transmission to the first base station (BS1) is corrected using the time delay measured. The corrected timing advance value is reduced by a value (2Gsync) derived from the accuracy (Gsync) of the synchronicity of the two base stations (BS1, BS2) and is used as the timing advance value (TA2) for transmission to the second base station (BS2).

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