



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A2)

Bibliography INID code(s) 72

(51) Int Cl.:

H04L 27/26 (2006.01)

(48) Corrigendum issued on:

16.04.2008 Bulletin 2008/16

(43) Date of publication:

27.02.2008 Bulletin 2008/09

(21) Application number: **07075710.9**

(22) Date of filing: **22.08.2007**

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated Extension States:

AL BA HR MK RS

(30) Priority: **22.08.2006 JP 2006225932**

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(54) **Reference signal multiplexing and resource allocation**

(57) A reference signal of a user equipment to which a resource (LB#1) is allocated for an L1/L2 control signal, is allocated a resource (SB#1) that is closer on the time axis to the resource (LB#1), which the L1/L2 control signal is allocated, within the same frequency band as the L1/L2 control signal. A reference signal for CQI estimation, independent of a data signal and an L1/L2 control signal, is allocated a resource with which at least one of a reference signal for demodulation of a data signal and a reference signal for demodulation of an L1/L2 control signal is not transmitted at the same timing within the transmission band. The types of bandwidths of the reference signals multiplexed in a same short block within a same band are reduced, whereby restrictions as to the number of reference signal sequences that can be secured are diminished.

