

Title (en)

APPARATUS AND METHOD FOR REDUCING A PHASE DRIFT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERRINGERUNG EINES PHASENDRIFTENS

Title (fr)

APPAREIL ET PROCEDE DE REDUCTION DE DERIVE DE PHASE

Publication

EP 1782594 A1 20070509 (EN)

Application

EP 04764355 A 20040820

Priority

EP 2004009373 W 20040820

Abstract (en)

[origin: WO2006018035A1] An apparatus for reducing a phase drift in a spectrum of a time-domain signal comprises a transformer (101) for time-frequency transforming the time-domain signal into a transformed signal in the frequency domain, the transformed signal representing a spectrum of the time domain signal, a detector (109) for detecting the phase drift, the detector (109) being further configured for generating a control signal indicating the phase drift, wherein the transformer (101) is further configured, in response to the control signal, for pre-processing the time-domain signal before time-frequency transforming or for post-processing the transformed signal after time-frequency transforming the time-domain signal in order to introduce a correction phase drift to the transformed signal for phase drift reduction, the correction phase drift at least partly compensating the phase drift.

IPC 8 full level

H04L 27/26 (2006.01)

CPC (source: EP)

H04L 27/2657 (2013.01); **H04L 27/2662** (2013.01); **H04L 27/2679** (2013.01); **H04L 25/0204** (2013.01); **H04L 27/2656** (2013.01)

Citation (search report)

See references of WO 2006018035A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

WO 2006018035 A1 20060223; EP 1782594 A1 20070509; JP 2008511196 A 20080410

DOCDB simple family (application)

EP 2004009373 W 20040820; EP 04764355 A 20040820; JP 2007526210 A 20040820