

Title (en)
WATERMARK INCORPORATION

Title (de)
WASSERZEICHENEINBETTUNG

Title (fr)
INTEGRATION DE FILIGRANES

Publication
EP 1741215 B1 20131225 (DE)

Application
EP 05715993 A 20050311

Priority
• EP 2005002636 W 20050311
• DE 102004021404 A 20040430

Abstract (en)
[origin: WO2005109702A1] The invention relates to an inventive method for introducing a watermark into an information signal, according to which said information signal (12) is converted from a temporal representation (22) into a spectral or modulation spectral representation (30). The information signal is then manipulated in the spectral or modulation spectral representation (30) in accordance with the watermark (14) that is to be introduced, to obtain a modified spectral or modulation spectral representation. Finally, a watermarked information signal (16) is formed based on the modified spectral or modulation spectral representation. One advantage of the inventive method is that as the watermark (14) is incorporated into or derived from the spectral or spectral modulation representation or domains, traditional correlation attacks that are used on watermarking methods based on spread spectrum modulation do not necessarily reach their target.

IPC 8 full level
H04H 20/31 (2008.01); **G10L 19/00** (2013.01)

CPC (source: EP KR NO US)
G10L 19/018 (2013.01 - KR); **G10L 19/022** (2013.01 - KR); **H04H 20/31** (2013.01 - EP KR NO US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005109702 A1 20051117; AU 2005241609 A1 20051117; AU 2005241609 B2 20080110; BR PI0509819 A 20070918; BR PI0509819 B1 20231003; CA 2564981 A1 20051117; CA 2564981 C 20111206; CN 1969487 A 20070523; CN 1969487 B 20110817; DE 102004021404 A1 20051124; DE 102004021404 B4 20070510; EP 1741215 A1 20070110; EP 1741215 B1 20131225; ES 2449043 T3 20140318; HK 1103320 A1 20071214; IL 178929 A0 20070308; IL 178929 A 20110331; JP 2007535699 A 20071206; JP 5048478 B2 20121017; KR 100902910 B1 20090615; KR 20070015182 A 20070201; KR 20080081098 A 20080905; KR 20080094851 A 20081024; MX PA06012550 A 20061215; NO 20065424 L 20070131; NO 338923 B1 20161031; PL 1741215 T3 20140530; RU 2006142304 A 20080610; RU 2376708 C2 20091220; US 2008027729 A1 20080131; US 7676336 B2 20100309

DOCDB simple family (application)
EP 2005002636 W 20050311; AU 2005241609 A 20050311; BR PI0509819 A 20050311; CA 2564981 A 20050311; CN 200580019676 A 20050311; DE 102004021404 A 20040430; EP 05715993 A 20050311; ES 05715993 T 20050311; HK 07107275 A 20070706; IL 17892906 A 20061029; JP 2007509900 A 20050311; KR 20067022604 A 20061030; KR 20087020078 A 20080814; KR 20087024550 A 20081007; MX PA06012550 A 20050311; NO 20065424 A 20061124; PL 05715993 T 20050311; RU 2006142304 A 20050311; US 55449206 A 20061030