

Title (en)
JOINT SOUND SYNTHESIS AND SPATIALIZATION

Title (de)
GEMEINSAME SCHALLSYNTHESE UND -SPATIALISIERUNG

Title (fr)
SYNTHESE ET SPATIALISATION SONORES CONJOINTES

Publication
EP 1994526 B1 20091028 (FR)

Application
EP 07731685 A 20070301

Priority
• FR 2007050868 W 20070301
• FR 0602170 A 20060313

Abstract (en)
[origin: WO2007104877A1] The invention concerns a process for joint synthesis and spatialization of multiple sound sources in associated spatial positions, including: a) a step of assigning to each source at least one parameter ($p_{i</SUB>}$) representing an amplitude; b) a step of spatialization consisting in implementing an encoding into a plurality of channels, wherein each amplitude ($p_{i</SUB>}$) is duplicated to be multiplied to a specialization gain ($g_{i</SUB>}$)

IPC 8 full level
G10H 7/10 (2006.01); **G10L 19/008** (2013.01); **G10L 19/02** (2013.01); **H04S 1/00** (2006.01); **H04S 3/00** (2006.01)

CPC (source: EP US)
G10H 7/00 (2013.01 - EP US); **H04S 3/002** (2013.01 - EP US); **G10H 2210/301** (2013.01 - EP US); **H04R 2499/11** (2013.01 - EP 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 LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007104877 A1 20070920; AT E447224 T1 20091115; DE 602007002993 D1 20091210; EP 1994526 A1 20081126;
EP 1994526 B1 20091028; ES 2335246 T3 20100323; JP 2009530883 A 20090827; JP 5051782 B2 20121017; PL 1994526 T3 20100331;
US 2009097663 A1 20090416; US 8059824 B2 20111115

DOCDB simple family (application)
FR 2007050868 W 20070301; AT 07731685 T 20070301; DE 602007002993 T 20070301; EP 07731685 A 20070301; ES 07731685 T 20070301;
JP 2008558857 A 20070301; PL 07731685 T 20070301; US 22509707 A 20070301