

Title (en)  
SOUND SYSTEM WITH IMPROVED ADJUSTABLE DIRECTIVITY

Title (de)  
TONSYSTEM MIT VERBESSERTER EINSTELLBARER RICHTWIRKUNG

Title (fr)  
SYSTÈME DE SONORISATION À DIRECTIVITE RÉGLABLE AMÉLIORÉE

Publication  
**EP 3063950 B1 20170816 (FR)**

Application  
**EP 13805441 A 20131030**

Priority  
FR 2013052604 W 20131030

Abstract (en)  
[origin: WO2015063377A1] The invention relates to a sound system comprising at least one Digital Signal Processor control module, acting on a signal to the high-frequency transducer (1) and on a signal to mid-frequency transducer (4) in such a way as to apply, in a common frequency range, at least one magnitude parameter as well as at least one phase parameter so as to produce a directivity along the same angular sector as a directivity produced by the orientable shutters (6).

IPC 8 full level  
**H04R 1/32** (2006.01); **H04R 1/34** (2006.01); **H04R 1/40** (2006.01)

CPC (source: EP RU US)  
**H04R 1/025** (2013.01 - US); **H04R 1/323** (2013.01 - EP US); **H04R 3/04** (2013.01 - US); **H04R 1/025** (2013.01 - RU); **H04R 1/345** (2013.01 - EP US); **H04R 1/403** (2013.01 - EP US); **H04R 2201/403** (2013.01 - EP US)

Cited by  
WO2020016538A1; FR3084230A1; US11463807B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2015063377 A1 20150507**; BR 112016009662 B1 20210112; CA 2928995 A1 20150507; CA 2928995 C 20210216; CN 105765996 A 20160713; CN 105765996 B 20190528; DK 3063950 T3 20171016; EP 3063950 A1 20160907; EP 3063950 B1 20170816; ES 2642898 T3 20171120; JP 2016535966 A 20161117; JP 6416922 B2 20181031; PT 3063950 T 20171019; RU 2016121015 A 20171205; RU 2638081 C2 20171211; US 2016277830 A1 20160922; US 9762996 B2 20170912

DOCDB simple family (application)  
**FR 2013052604 W 20131030**; BR 112016009662 A 20131030; CA 2928995 A 20131030; CN 201380080698 A 20131030; DK 13805441 T 20131030; EP 13805441 A 20131030; ES 13805441 T 20131030; JP 2016551055 A 20131030; PT 13805441 T 20131030; RU 2016121015 A 20131030; US 201315032483 A 20131030