

Title (en)
A SOUND REPRODUCTION SYSTEM

Title (de)
TONWIEDERGABESYSTEM

Title (fr)
SYSTÈME DE REPRODUCTION DU SON

Publication
EP 2457382 B1 20130911 (EN)

Application
EP 10742279 A 20100716

Priority
• EP 09166298 A 20090724
• IB 2010053243 W 20100716
• EP 10742279 A 20100716

Abstract (en)
[origin: WO2011010254A1] A sound reproduction system includes a speaker unit (101) which comprises: a cone (207), a first transducer (211, 213) for converting a first electrical signal to movement of the cone (207), and a second transducer (215, 217) for converting a second electrical signal to movement of the cone (207). The system further comprises a drive circuit (103) for at least partially independently driving the first electromagnetic transducer (211, 213) and the second electromagnetic transducer (215, 217) by generating the first electrical signal to be different than the second electrical signal. The different signals may e.g. arise from different spatial audio channels, such as stereo signals, such that a single compact speaker unit (101) may provide both high quality low frequency performance and a spatial experience.

IPC 8 full level
H04R 1/24 (2006.01); **H04R 1/28** (2006.01)

CPC (source: EP)
H04R 1/24 (2013.01); **H04R 1/2819** (2013.01)

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011010254 A1 20110127; CN 102484755 A 20120530; EP 2457382 A1 20120530; EP 2457382 B1 20130911; JP 2013500615 A 20130107; RU 2012106653 A 20130827

DOCDB simple family (application)
IB 2010053243 W 20100716; CN 201080033491 A 20100716; EP 10742279 A 20100716; JP 2012521132 A 20100716; RU 2012106653 A 20100716