

Title (en)
TRANSPARENT PARAMETRIC EMITTER

Title (de)
TRANSPARENTER PARAMETRISCHER EMITTER

Title (fr)
ÉMETTEUR PARAMÉTRIQUE TRANSPARENT

Publication
EP 3248392 B1 20181226 (EN)

Application
EP 16703027 A 20160121

Priority
• US 201514604565 A 20150123
• US 2016014374 W 20160121

Abstract (en)
[origin: WO2016118779A1] A transparent ultrasonic emitter includes a first transparent conductive layer; a second transparent conductive layer; and a plurality of transparent spacers disposed between the first and second transparent layers conductive of the ultrasonic audio speaker, the transparent spacers having a thickness and being arranged to define an open area between the first and second transparent layers.

IPC 8 full level
H04R 19/02 (2006.01); **H04S 1/00** (2006.01)

CPC (source: CN EP)
H04R 19/02 (2013.01 - CN EP); **H04R 2217/03** (2013.01 - CN EP); **H04R 2499/15** (2013.01 - CN EP); **H04S 1/00** (2013.01 - CN EP)

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 2016118779 A1 20160728; CN 107431865 A 20171201; CN 107431865 B 20191011; EP 3248392 A1 20171129; EP 3248392 B1 20181226; ES 2709175 T3 20190415

DOCDB simple family (application)
US 2016014374 W 20160121; CN 201680015348 A 20160121; EP 16703027 A 20160121; ES 16703027 T 20160121