

Title (en)
SONIC EMITTER ARRANGEMENTS

Title (de)
SCHALLEMITTER-ANORDNUNGEN

Title (fr)
AGENCEMENTS D'ÉMETTEURS SONIQUES

Publication
EP 1685741 B1 20130403 (EN)

Application
EP 04798520 A 20041116

Priority
• GB 2004004800 W 20041116
• GB 0326807 A 20031118

Abstract (en)
[origin: GB2408405A] A sonic emitter comprises a transducer 4, eg a micro-speaker, in a housing. The transducer has an emission surface facing a frontal resonant cavity 7, 8 and an opposed surface facing a rear resonant cavity 6. An acoustic conduit 9 links the transducer 4 to a sound outlet S2. The emitter may be incorporated in a pendant or other fashion-related article, or a mobile phone, digital camera, portable games console or hand-held computer. The conduit 9 may be flared and the cavities may contain acoustic damping material.

IPC 8 full level
H04M 1/03 (2006.01); **H04R 1/28** (2006.01); **H04R 1/30** (2006.01); **H04R 5/02** (2006.01); **H04R 1/10** (2006.01); **H04S 1/00** (2006.01)

CPC (source: EP)
H04R 1/2842 (2013.01); **H04R 1/10** (2013.01); **H04R 1/2849** (2013.01); **H04R 1/2873** (2013.01); **H04R 1/288** (2013.01); **H04R 2499/11** (2013.01); **H04S 1/002** (2013.01)

Cited by
EP4040800A1; US10397693B1; US11451902B1; US11490190B1; US11265645B2; US11800272B2

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

DOCDB simple family (publication)
GB 0326807 D0 20031224; GB 2408405 A 20050525; EP 1685741 A1 20060802; EP 1685741 B1 20130403; WO 2005051037 A1 20050602

DOCDB simple family (application)
GB 0326807 A 20031118; EP 04798520 A 20041116; GB 2004004800 W 20041116