

Title (en)
Piezoelectric speaker

Title (de)
Piezoelektrischer Lautsprecher

Title (fr)
Haut-parleur piézoélectrique

Publication
EP 0868108 B1 20070404 (DE)

Application
EP 98102000 A 19980205

Priority
DE 19712728 A 19970326

Abstract (en)
[origin: EP0868108A2] The loudspeaker has a membrane (2) and at least 2 associated piezoelectric flexure transducers (3), each of which is secured at one end and mechanically acts on the membrane at the other end. The membrane is provided by a flat membrane or a conical membrane with an aperture angle of less than 10 degrees, the length of each flexure transducer projecting from the clamped end being adjustable.

IPC 8 full level
H04R 17/00 (2006.01)

CPC (source: EP US)
H04R 17/00 (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0868108 A2 19980930; EP 0868108 A3 20050615; EP 0868108 B1 20070404; DE 19712728 C1 19981119; DE 59813958 D1 20070516; ES 2281920 T3 20071001; US 6122387 A 20000919

DOCDB simple family (application)
EP 98102000 A 19980205; DE 19712728 A 19970326; DE 59813958 T 19980205; ES 98102000 T 19980205; US 4811898 A 19980326