

Title (en)  
Acoustic levitation system

Title (de)  
Akustisches Schwebesystem

Title (fr)  
Système de lévitation acoustique

Publication  
**EP 2096628 A1 20090902 (EN)**

Application  
**EP 08003841 A 20080229**

Priority  
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Abstract (en)  
The present invention derives from the technical area of object levitation; it relates to an acoustic levitation system comprising an emitter (2) and a reflector (1) with in-between an object (19), respectively matter is levitated due to a standing acoustic pressure wave (15). According to the invention the standing acoustic pressure wave (15) provides a line-shaped pressure node (12) between the corresponding to that line-shaped pressure node (12) formed emitter (2) and reflector (1), so that the object, respectively matter (19) is able to move along the line-shaped pressure node (12).

IPC 8 full level  
**G10K 15/00** (2006.01)

CPC (source: EP)  
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Citation (applicant)  
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