

Title (en)  
Speaker

Title (de)  
Lautsprecher

Title (fr)  
Haut-parleur

Publication  
**EP 2131607 A2 20091209 (EN)**

Application  
**EP 09161139 A 20090526**

Priority  
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Abstract (en)  
The invention provides a speaker comprising: a magnetic circuit 3; a vibration system 4 in which a diaphragm 22 is attached to a voice coil 21; and a frame 2 which supports the magnetic circuit 3 and the vibration system 4. The voice coil 21 is placed in a magnetic gap 17. By taking advantage of the characteristics of a plastic magnet that it can be easily processed into a desired shape, the magnetic circuit 3 is configured by: a plastic magnet 16 having a T-like section shape; and a yoke 10 which is continuously disposed in a bottom portion side and periphery of the plastic magnet 16. The number of components of the magnetic circuit, which conventionally has the three-piece structure, is reduced, so that the mass productivity of a small and thin speaker can be enhanced.

IPC 8 full level  
**H04R 9/06** (2006.01)

CPC (source: EP KR)  
**H04R 9/025** (2013.01 - EP KR); **H04R 9/06** (2013.01 - KR); **H04R 9/10** (2013.01 - EP); **H04R 2499/11** (2013.01 - KR)

Citation (applicant)  
JP 2000032589 A 20000128 - SONY CORP

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CN112954551A; EP2830328A4

Designated contracting state (EPC)  
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 TR

DOCDB simple family (publication)  
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