

Title (en)
Loudspeaker

Title (de)
Lautsprecher

Title (fr)
Haut-parleur

Publication
EP 1771035 A3 20081224 (EN)

Application
EP 06018983 A 20060911

Priority
CN 200520127973 U 20050928

Abstract (en)
[origin: EP1771035A2] A loudspeaker comprises a basin-shaped frame, a yoke, a voice coil, a tympanic paper, a voice basin, and a dust cap. The frame has an outer end to which the yoke is mounted. The yoke has a pillar extending from the center thereof, and the voice coil is secured to the pillar. The tympanic paper is attached between the voice coil and the frame. The hollow voice basin is connected to the voice coil and extended from the axis of the frame. An extended end of the voice basin is covered with the dust cap, and the voice basin is further connected to the voice coil so as to form a hollow chamber. The present invention makes the tone quality of the mid-frequency sound more outstanding and facilitates the linkage between the frequency responses of the mid/high frequencies. In addition, the manufacturing cost of the loudspeaker can be reduced.

IPC 8 full level
H04R 9/06 (2006.01)

CPC (source: EP)
H04R 7/12 (2013.01); **H04R 9/02** (2013.01); **H04R 9/06** (2013.01); **H04R 31/006** (2013.01)

Citation (search report)

- [X] US 5594805 A 19970114 - SAKAMOTO YOSHIO [JP], et al
- [X] JP H0865784 A 19960308 - KENWOOD CORP
- [A] JP 2000125392 A 20000428 - SONY CORP

Cited by
CN101785324A; CN111131981A; CN104540067A; US8363879B2; WO2009028132A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1771035 A2 20070404; EP 1771035 A3 20081224; CN 2899361 Y 20070509

DOCDB simple family (application)
EP 06018983 A 20060911; CN 200520127973 U 20050928