

Title (en)
Low frequency loudspeaker

Title (de)
Niedrigfrequenz-Lautsprecher

Title (fr)
Haut-parleur à basse fréquence

Publication
EP 1372354 A2 20031217 (EN)

Application
EP 03101720 A 20030612

Priority
GB 0213766 A 20020614

Abstract (en)
A low frequency loudspeaker for reproducing the lowest frequency range in a multi-band sound reinforcement system comprises an enclosure (8 to 13) with a front port (14). Drive units (1, 2) are mounted on baffles (3, 4) which divide the enclosure (8-13) into sealed chambers (5, 7) behind the drive units (1, 2) and a chamber (6) which vents through the port (14) but is otherwise sealed. The drive units (1, 2) point generally away from the port (14). The chamber (6) extends smoothly backwards from the port (14) and the cross-sectional area of the chamber (6) perpendicular to the direction (17) of sound emission from the port (14) increases continuously with distance from the port (14). <IMAGE>

IPC 1-7
H04R 1/28; **H04R 9/06**

IPC 8 full level
H04R 1/22 (2006.01); **H04R 1/34** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP)
H04R 1/345 (2013.01)

Cited by
WO2009126396A1; JPWO2017104118A1; EP2279627A1; JP2011522454A

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