

Title (en)
Speaker and speaker device

Title (de)
Lautsprecher und Lautsprechergerät

Title (fr)
Haut-parleur et dispositif à haut-parleur

Publication
EP 0991295 A2 20000405 (EN)

Application
EP 99402359 A 19990928

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JP 27302898 A 19980928

Abstract (en)
A speaker has a very small size and is arranged to emit sound waves in a non-directional manner. The speaker includes a case (12) and a speaker unit (16) attached to a plate (14) provided at an opening of the case (12). The speaker is arranged so that the speaker unit (16) is mounted or attached to a floor or support surface such that a space formed by the case (12), the plate (14) and the speaker unit (16) is airtight and so that the back-and-forth motion of a vibrator of the speaker unit (16) generates expansion and contraction of the case (12).

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IPC 8 full level
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CPC (source: EP)
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Cited by
CN104205870A; US8561756B2; US8798308B2; WO2013126332A1; US11962972B2

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