

Title (en)
LOUDSPEAKER STRUCTURE

Publication
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Application
EP 83903131 A 19830906

Priority
US 8301355 W 19830906

Abstract (en)
[origin: WO8501176A1] An up-firing woofer loudspeaker (12) is mounted atop a truncated pyramidal enclosure (1). A down-firing tweeter (5) is aligned above the woofer. A sound-reflecting sphere (4) is disposed between the woofer and the tweeter. When the sphere is aligned therebetween omni-directional sound is radiated in both horizontal and vertical planes. When the sphere is positioned to the rear a hemispherical pattern is obtained. This pattern is desirable when the loudspeaker structure is positioned against a wall. Ducted ports (3) or a folded horn (20) within the enclosure enhance very low frequency sound.

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H04R 1/20

IPC 8 full level
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