

Title (en)
LOUDSPEAKER STRUCTURE.

Title (de)
LAUTSPRECHERSTRUKTUR.

Title (fr)
STRUCTURE DE HAUT-PARLEUR.

Publication
EP 0155266 A4 19880128 (EN)

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.

IPC 1-7
H04R 1/20

IPC 8 full level
H04R 1/28 (2006.01); **H04R 1/34** (2006.01)

CPC (source: EP)
H04R 1/2865 (2013.01); **H04R 1/345** (2013.01)

Citation (search report)

- [X] FR 2163600 A1 19730727 - LUBECK OTTO
- [A] DE 718134 C 19420304 - LORENZ C AG
- [A] DE 1079675 B 19600414 - PHILIPS PATENTVERWALTUNG
- [A] US 4289929 A 19810915 - HATHAWAY DANA B
- [A] US 3816672 A 19740611 - GEFVERT H, et al
- See references of WO 8501176A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 8501176 A1 19850314; DE 3382223 D1 19910425; EP 0155266 A1 19850925; EP 0155266 A4 19880128; EP 0155266 B1 19910320

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