

Title (en)
Cylindrical acoustic wave guide.

Title (de)
Zylindrischer Akustischer Wellenleiter.

Title (fr)
Guide d'onde sonore cylindrique.

Publication
EP 0331566 B1 19940601 (FR)

Application
EP 89400530 A 19890224

Priority
FR 8802481 A 19880229

Abstract (en)
[origin: EP0331566A1] Waveguide to fit the output side of a loudspeaker, in front of the diaphragm or in front of the mouth of a compression chamber, lying in the axis of the transducer in question and comprising a channel whose cross-section increases from its input to its output opening, which waveguide is characterised in that the output mouth opening (9) is planar and elongate, in that its channel comprises a passage (between the input mouth (11) and the output opening (9) capable of guiding the waves in a general shape resembling a sheet, and in that the shortest permitted paths in the passage(s) are all practically identical in length from the input mouth to the output mouth of the channel. <??>For use in sound systems for large areas. <IMAGE>

IPC 1-7
G10K 11/32; **H04R 1/34**

IPC 8 full level
G10K 11/22 (2006.01); **G10K 11/26** (2006.01); **H04R 1/34** (2006.01)

CPC (source: EP US)
G10K 11/26 (2013.01 - EP US); **H04R 1/345** (2013.01 - EP US)

Cited by
CN108781334A; EP1178702A3; CN103578461A; EP1635606A1

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BE DE ES GB IT LU NL

DOCDB simple family (publication)
EP 0331566 A1 19890906; **EP 0331566 B1 19940601**; DE 68915582 D1 19940707; DE 68915582 T2 19950119; ES 2054041 T3 19940801; FR 2627886 A1 19890901; FR 2627886 B1 19940513; US 5163167 A 19921110

DOCDB simple family (application)
EP 89400530 A 19890224; DE 68915582 T 19890224; ES 89400530 T 19890224; FR 8802481 A 19880229; US 31691989 A 19890228