

Title (en)

Electroacoustic transducer having a partition wall and a mask wall

Title (de)

Elektroakustischer Wandler mit einer Trennwand und einer Maskenwand

Title (fr)

Transducteur électro-acoustique ayant une paroi de séparation et une paroi de masque

Publication

EP 0614327 B1 19980520 (DE)

Application

EP 94200503 A 19940228

Priority

AT 41993 A 19930304

Abstract (en)

[origin: US5303209A] In an electroacoustic transducer (1) having a diaphragm (5), behind which a partition wall (24) is situated, which partition wall extends transversely of the transducer axis (9) and is traversed by partition openings (29, 30, 31, 32) having a small cross-sectional area of at the most 0.2 mm², and having a mask wall (38) arranged adjacent the partition wall and provided with mask-wall openings (39, 40, 41, 42) of large cross-sectional area, in the other wall (38) being coincident with at least one opening (29, 30, 31, 32) of small cross-sectional area, each opening (29, 30, 31, 32) of small cross-sectional area is situated between two spacer elements (49, 50, 51, 52, 53, 54, 55, 56) arranged between the two walls (24, 38), and each time two spacer elements (49, 50, 51, 52, 53, 54, 55, 56) together with the two walls (34, 38) bound a duct-like gap (57, 58, 59, 60) between the two walls (24, 38) in order to form an acoustic resistance.

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H04R 9/02

IPC 8 full level

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CPC (source: EP US)

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