

Title (en)

Magnet system for electroacoustic transducers

Title (de)

Magnetsystem für elektroakustische Wandler

Title (fr)

Système magnétique pour transducteurs électro-acoustiques

Publication

EP 0581129 B1 19960918 (DE)

Application

EP 93111355 A 19930715

Priority

DE 4225156 A 19920730

Abstract (en)

[origin: EP0581129A1] According to the prior art, magnet systems for electroacoustic transducers are known, the pole core (12) of which exhibits a neodymium disc (14). If the inductance in the air gap (17) is to be increased, it is known in the prior art to increase the mass of the neodymium disc (14) in the pole core (12). However, the inductance can only be increased by between 5 and 8 % of the initial inductance by means of this measure. The invention is therefore based on the object of specifying a magnet system (10) which allows the inductance in the air gap (17) to be significantly increased. This is achieved by the fact that a further neodymium disc (18) is arranged on the side of the pole plate (15) facing away from the bottom (16) of the magnet pot (11). Due to the significant increase in inductance in the air gap (17) which can be achieved in accordance with the invention, it is possible to minimise the use of neodymium material in spite of the arrangement of two neodymium discs (14, 18). <IMAGE>

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Cited by

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