

Title (en)
Loudspeaker with a jacketed magnetic core

Title (de)
Lautsprecher mit einem ummantelten Magnetkern

Title (fr)
Haut-parleur avec un noyau magnétique d'habillage

Publication
EP 1022929 A3 20070613 (DE)

Application
EP 00100968 A 20000119

Priority
DE 19902679 A 19990123

Abstract (en)
[origin: EP1022929A2] The loudspeaker has a voice coil (2) and a permanent magnet (1). The permanent magnet consists of a core (10) made of a highly magnetic alloy including an element from the group of rare earths, and coated in a plastics layer (11). The plastics layer contains particles of an alloy including an element from the group of rare earths. The alloy may be a neodymium alloy. The alloys in the core may be the same as the alloy in the plastics layer. The plastics layer is several tenths of a millimetre thick. An Independent claim is included for a method of manufacturing a permanent magnet for a loudspeaker.

IPC 8 full level
H01F 1/057 (2006.01); **H01F 41/02** (2006.01); **H04R 9/02** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP)
H01F 1/0577 (2013.01); **H01F 41/026** (2013.01); **H04R 9/02** (2013.01); **H04R 9/025** (2013.01); **H04R 9/06** (2013.01)

Citation (search report)

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- [A] EP 0255816 A2 19880210 - TREIBACHER CHEMISCHE WERKE AG [AT]
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- [A] EP 0323125 A1 19890705 - SHINETSU CHEMICAL CO [JP]
- [A] EP 0441616 A2 19910814 - MATSUSHITA ELECTRIC IND CO LTD [JP]

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JP2013055415A; WO2013020794A1

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AL LT LV MK RO SI

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