

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
H04R 9/02 (2006.01); **H01F 1/057** (2006.01); **H01F 41/02** (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

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
EP 1022929 A2 20000726; EP 1022929 A3 20070613; EP 1022929 B1 20080312; DE 19902679 C1 20001116; DE 50015036 D1 20080424

DOCDB simple family (application)
EP 00100968 A 20000119; DE 19902679 A 19990123; DE 50015036 T 20000119