

Title (en)
Loudspeaker

Title (de)
Lautsprecher

Title (fr)
Haut-parleur

Publication
EP 0835040 B1 20021211 (EN)

Application
EP 97118656 A 19930331

Priority

- EP 93906856 A 19930331
- JP 2656692 U 19920331
- JP 8815692 U 19921130

Abstract (en)
[origin: EP0587910A1] A lightweight speaker of high efficiency and high performance. In a usual speaker or a speaker provided with a magnetic circuit of a repulsive field type, a voice coil (1) includes a complex wire A comprising a conductive wire made of a conductive material C and a magnetic material F arranged at least on a part of the surface of the conductive wire. Alternatively, the complex wire A may comprise a magnetic wire made of a magnetic material F and a conductive material C arranged at least on a part of the surface of the magnetic wire. <IMAGE>

IPC 1-7
H04R 9/04; H04R 9/02

IPC 8 full level
H04R 9/02 (2006.01); **H04R 9/04** (2006.01)

CPC (source: EP)
H04R 9/02 (2013.01); **H04R 9/046** (2013.01); **H04R 9/025** (2013.01)

Cited by
CN104038875A; GB2335821A; GB2335821B; US6269168B1; WO03092323A1

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EP 0587910 A1 19940323; EP 0587910 A4 19950118; DE 69332569 D1 20030123; DE 69332569 T2 20030821; DE 835040 T1 19980903;
EP 0835040 A1 19980408; EP 0835040 B1 20021211; JP 2592066 Y2 19990317; JP H0593197 U 19931217; WO 9320666 A1 19931014

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