

Title (en)  
Loudspeaker voice coil.

Title (de)  
Lautsprecher-Schwingspule.

Title (fr)  
Bobine de haut-parleur.

Publication  
**EP 0377143 A2 19900711 (DE)**

Application  
**EP 89122992 A 19891213**

Priority  
DE 3900038 A 19890103

Abstract (en)  
The voice coil (1) is wound of conductive foil instead of of wires, which results in considerable weight saving. <IMAGE>

Abstract (de)  
Die Schwingspule (1) ist statt aus Drähten aus leitender Folie gewickelt, wodurch sich eine wesentliche Gewichtsersparnis erzielen läßt.

IPC 1-7  
**H04R 9/04**

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

CPC (source: EP)  
**H04R 9/041** (2013.01)

Cited by  
EP0622970A1; US5717775A; US2021329385A1; US11716572B2; WO0165889A3; US11418886B2

Designated contracting state (EPC)  
AT BE DE ES FR GB GR IT NL

DOCDB simple family (publication)  
**EP 0377143 A2 19900711; EP 0377143 A3 19910731; DE 3900038 A1 19900705**

DOCDB simple family (application)  
**EP 89122992 A 19891213; DE 3900038 A 19890103**