

Title (en)  
DRIVER SYSTEM FOR AN EXTENDED-TRAVEL BASS LOUDSPEAKER

Publication  
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Application  
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Abstract (en)  
[origin: EP0492142A2] According to the invention, a drive system designed with extended travel for bass loudspeakers (10) is specified which prevents the voice coil (21) from impinging on the magnet bottom pot and the voice coil (21) from coming to rest on the top pole plate (12) even if the mounting elements are designed to be very soft. For this purpose, a further coil arrangement (22), to which the amplifier power is also applied, is arranged on the voice coil former (19). Since the current is designed to flow in the opposite direction in coil (21) and coil arrangement (22), the voice coil former (19) is actively decelerated as soon as one of the two winding areas (23; 24) plunges into the air gap (25). <IMAGE>

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**H04R 9/04**; **H04R 9/06**; **H04R 9/02**

IPC 8 full level  
**H04R 9/02** (2006.01); **H04R 9/04** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP)  
**H04R 9/025** (2013.01); **H04R 9/045** (2013.01); **H04R 2209/041** (2013.01)

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