

Title (en)  
SPEAKER ARRANGEMENT

Title (de)  
LAUTSPRECHER-ANORDNUNG

Title (fr)  
HAUT-PARLEUR

Publication  
**EP 1371262 B1 20100714 (EN)**

Application  
**EP 02704955 A 20020311**

Priority  
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Abstract (en)  
[origin: WO02074006A2] There is described a speaker arrangement (10) which comprises a sound emitting element which is formed of a standard loudspeaker (11) having a cone (12). The cone (12) is filled with a filling material (13) which is inserted into the interior of the cone (12). The loudspeaker (11) can be attached to the rear of a display panel (15) if desired. The loudspeaker (11) is driven by an amplifier which is integrated into circuitry, the circuitry also including an audio input (such as an MP3 player), volume control and a power source. The circuitry can also incorporate further input signals such as signals from activation sensors and signals from a communication device used to update the audio data utilised by the MP3 player. There is also described a method of providing display panels, the display panels incorporating an audio player and speaker, the method comprising the steps of supplying and distributing display panels incorporating a speaker, designing and producing panel graphics to be displayed on the display panels, producing and directing audio messages, producing and distributing of the audio messages to a consumer, and updating and replacing the art work on the graphic panels when necessary.

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