

Title (en)

Illuminating assembly with built-in panel speaker

Title (de)

Beleuchtungsanordnung mit einem integrierten Flächenlautsprecher

Title (fr)

Dispositif d'éclairage avec haut-parleur plat intégré

Publication

EP 1122974 B1 20070124 (DE)

Application

EP 00102075 A 20000202

Priority

EP 00102075 A 20000202

Abstract (en)

[origin: EP1122974A1] The loudspeaker has a sound radiating element (4d) mounted in a holder with an associated converter (6) that converts the audio signals fed to it into mechanical vibrations to stimulate the sound radiating element to transversal flexural vibrations and hence sound radiation. The flat loudspeaker thus formed is integrated into a lighting arrangement. The converter is mounted in a light housing and forms part of the light as well as the sound radiating element.

IPC 8 full level

H04R 1/02 (2006.01); **H04R 7/04** (2006.01)

CPC (source: EP)

F21V 33/0056 (2013.01); **H04R 1/028** (2013.01); **F21S 6/005** (2013.01); **F21S 8/033** (2013.01); **F21S 8/06** (2013.01); **H04R 7/045** (2013.01)

Cited by

DE102008012856A1; DE102008013612A1; EP1389030A3; DE102008063245A1; DE102006003830A1; DE102006003830B4;
DE102006060723A1; DE102006060723B4; DE102004026160A1; DE102004026160B4; DE102009043661A1; DE102009043661B4;
DE102006056394A1; DE102006056394B4

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EP 1122974 A1 20010808; EP 1122974 B1 20070124; AT E352968 T1 20070215; DE 50014004 D1 20070315; DK 1122974 T3 20070521;
ES 2281316 T3 20071001; PT 1122974 E 20070430

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