

Title (en)

Electrical component and process for the manufacture thereof

Title (de)

Elektrisches Bauelement und Verfahren zu seiner Herstellung

Title (fr)

Composant électrique et son procédé de fabrication

Publication

**EP 1132935 A3 20030604 (EN)**

Application

**EP 01105565 A 20010306**

Priority

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- EP 00104952 A 20000308

Abstract (en)

[origin: EP1132935A2] The invention relates to an electrical component having a functional unit (2) which is secured to a header (1) and which generates or is sensitive to sound, and having terminal elements (3) which are mechanically secured to the header (1) and electrically and acoustically coupled to the functional unit (2) and which project through holes in the header (1) onto the side of the header (1) remote from the functional unit (2) and which have a modulus of elasticity of  $E_A > 50$  MPa, in which the terminal elements are partially encased in a viskoelastic material (4) having a modulus of elasticity of  $E_w < 10$  MPa. By encasing the terminal elements (3) in a viskoelastic material (4), effective sound-damping can be produced. Furthermore, the invention relates to a process for manufacturing the component. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [A] FR 2719716 A1 19951110 - OTIS ELEVATOR CO [US]
- [A] DE 19712958 C1 19980507 - KLOECKNER MOELLER GMBH [DE]
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