

Title (en)

Electrically heatable plastic matrix

Title (de)

Elektrisch beheizbare Kunststoffmatrix

Title (fr)

Matrice plastique chauffable électriquement

Publication

**EP 1528837 A1 20050504 (DE)**

Application

**EP 04022246 A 20040917**

Priority

DE 10351309 A 20031031

Abstract (en)

Electrically heatable structure is made of an electrically conducting plastic, especially with PTC properties. The structure has channels containing a fluid, especially air, and electrical connections (2, 3) and is in the form of a honeycomb structure (1), a foam structure, or a corrugated, folded or wound continuous film.

Abstract (de)

Die Erfindung betrifft eine elektrisch beheizbare Struktur aus einem elektrisch leitenden Kunststoff, insbesondere mit PTC-Eigenschaften, wobei die Struktur von einem Fluid, insbesondere von Luft durchströmbare Kanäle und elektrische Anschlüsse (2, 3) aufweist. Es wird vorgeschlagen, dass die Struktur als Wabenstruktur (1) ausgebildet ist. <IMAGE>

IPC 1-7

**H05B 3/14**; **H01C 7/02**

IPC 8 full level

**H01C 7/02** (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP)

**H01C 7/02** (2013.01); **H05B 3/146** (2013.01); **H05B 2203/02** (2013.01); **H05B 2203/024** (2013.01)

Citation (search report)

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