

Title (en)
ELECTRICALLY HEATABLE SHEET-TYPE ELEMENT

Title (de)
ELEKTRISCH HEIZBARES FLÄCHENELEMENT

Title (fr)
ÉLÉMENT DE SURFACE POUVANT ÊTRE CHAUFFÉ ÉLECTRIQUEMENT

Publication
EP 3085198 B1 20191211 (DE)

Application
EP 14781910 A 20141010

Priority
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• EP 2014071745 W 20141010

Abstract (en)
[origin: WO2015090666A1] Disclosed is an electrically heatable sheet-type element comprising an electrically conductive coating which is applied to an electrically insulating support layer, more specifically to at least one subarea of the support layer, in a mesh or grating structure between the electrodes that forms loops and knots. The total electrical resistance of the sheet-type element can be adjusted by varying the shape of the mesh or grating and by varying the thickness of the applied layer, said thickness being adapted to the shape of the grating.

IPC 8 full level
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CPC (source: EP)
H05B 1/0238 (2013.01); **H05B 3/12** (2013.01); **H05B 3/146** (2013.01); **H05B 3/34** (2013.01); **H05B 3/342** (2013.01); **H05B 2203/002** (2013.01); **H05B 2203/005** (2013.01); **H05B 2203/011** (2013.01); **H05B 2203/013** (2013.01); **H05B 2203/017** (2013.01); **H05B 2203/029** (2013.01)

Cited by
EP4144579A1; EP4145956A1; DE102021211134A1; DE102021211135A1; EP4144501A1; DE102021211137A1

Designated contracting state (EPC)
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