

Title (en)
HEATING ELEMENT COMPRISING FILMS

Title (de)
HEIZELEMENT MIT FILMEN

Title (fr)
ELEMENT CHAUFFANT A COUCHE

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Application
EP 12706643 A 20120130

Priority
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Abstract (en)
[origin: WO2012104530A1] The invention relates to a heating element including a substrate (1) provided with a stack of thin films, the stack of thin films including a film (3) suitable for heating and having a surface electrical resistance of between 20 and 200 O/square, and two nonmetal dielectric layers (4, 5) located on either side of the film (3) that is suitable for heating, the heating element also including two collecting conductors to be supplied with electrical voltage, the film (3) that is suitable for heating being solid, made of metal, and electrically connected to the two collecting conductors. The invention enables a heating element, which has a film suitable for heating and which is simply manufactured, to be easily installed on an electric vehicle or easily connected to the national electrical grid.

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