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Oberderdingen (DE)

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Publication Classification(72) Inventors: **Matthias Mandl**, Bretten (DE);
Michael Tafferner, Malsch (DE);
Thomas Hauk, Bretten (DE); **Manuel Schmieder**, Oberderdingen (DE);
Holger Koebrich, Kraichtal-Gochsheim (DE); **Roland Muehlhnikel**, Bretten (DE); **Alfred Suss**, Bretten (DE);
Sebastian Eigl, Bretten (DE); **Henry Zipplies**, Eppingen (DE); **Volker Block**, Bretten (DE)(51) **Int. Cl.**
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The invention relates to a heating device having a flat expanded support and at least one heating conductor assembly thereon which is electrically connected by means of two connection contacts. The heating conductor assembly has a plurality of heating conductors which are connected together at connection points and are wired as a whole so as to form parallel and series circuits between the connection contacts. The plurality of heating conductors are advantageously designed as a lattice, wherein every set of four heating conductors forms a closed mesh, and four heating conductors are connected together at the connection points. The heating conductor assembly is applied onto the support with a film construction in a film method, advantageously a thick-film method.

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