

Title (en)
METHOD FOR PRODUCING A HEATING MAT AND HEATING MAT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER HEIZMATTE UND HEIZMATTE

Title (fr)
PROCÉDÉ DE FABRICATION D'UN TAPIS CHAUFFANT ET TAPIS CHAUFFANT

Publication
EP 3657904 A1 20200527 (EN)

Application
EP 18208358 A 20181126

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Abstract (en)
The present invention is directed to a Method for producing a heating mat for a vehicle component, comprising the steps of:providing a flexible, porous carrier layer (2),connecting a heating conductor (4) to the carrier layer (2) to extend along the carrier layer in a predetermined pattern, andfixing a temperature sensor (6) on the carrier layer (2) at a predetermined position and providing electric connections (8) to the temperature sensor for sensing a signal indicative of the temperature of the temperature sensor,characterized in that the temperature sensor (6) is fixed on the carrier layer by depositing temperature sensitive material having a temperature dependent resistivity on the carrier layer (2) in a spatially selective manner to form a conductor path of predefined dimensions and at least partially penetrating the carrier layer (2).

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Citation (applicant)
WO 0206083 A1 20020124 - KONGSBERG AUTOMOTIVE AB [SE], et al

Citation (search report)

- [YD] WO 0206083 A1 20020124 - KONGSBERG AUTOMOTIVE AB [SE], et al
- [Y] US 4149066 A 19790410 - NIIBE AKITOSHI
- [Y] US 2015014293 A1 20150115 - BYTZEK DIETMAR [DE], et al

Cited by
CN114828312A; WO2024108869A1

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