

Title (en)
METHOD FOR DETECTING THE TEMPERATURE OF A COMPONENT

Title (de)
VERFAHREN ZUR TEMPERATURBESTIMMUNG EINES BAUTEILS

Title (fr)
PROCEDE POUR DETERMINER LA TEMPERATURE D'UN ELEMENT

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Application
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Abstract (en)
[origin: DE19909203A1] The invention relates to a method for detecting the temperature of a component, for example a starting clutch or main clutch in the transmission of a motor vehicle. According to said method the temperature of the component is continuously calculated using a comprehensive, detailed heat-calculation model which takes into account heat-relevant data of the component in question, its environment and other secondary conditions. After calibration the heat-calculation model is reduced to a small number of component-relevant nodal points.

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