

Interdisziplinäre Untersuchung eines Achsschenkelbruches

1997, pp. 275 – 278 (#10)

This article describes investigations about for fracture of the steering of knuckle of a passenger vehicle, that was supposed to have occurred suddenly and unexpectedly without any exterior influence. Upon the inspection by the technical expert it was noticed that there was no indication for exterior force on the damaged wheel suspension, previous damages not being evident. Further examinations were carried out by the Institute for Materials Technology at the University of Kaiserslautern. The damage analysis by the means of metallographic microsections, light-microscope and scanning electron microscope (SEM) revealed a fatigue fracture of the component, caused by casting defects within the microstructure of the material.

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Zitat

[Müller, G.](#): Interdisziplinäre Untersuchung eines Achsschenkelbruches. Verkehrsunfall und Fahrzeugtechnik 35 (1997), pp. 275 – 278 (#10)

Inhaltsangabe

Klärung der Frage: Gewaltbruch aufgrund äußerer Krafteinwirkung oder Ermüdungsbruch.

Weitere Beiträge zum Thema im VuF

Weitere Infos zum Thema