Title (en)

METHOD FOR CHARACTERIZING THE ENDURANCE LIMIT OF A PART FROM ITS SURFACE PROFILE

Title (de)

VERFAHREN ZUR CHARAKTERISIERUNG DER DAUERFESTIGKEIT EINES TEILS AN SEINEM OBERFLÄCHENPROFIL

Title (fr)

PROCEDE DE CARACTERISATION DE LA TENUE EN FATIGUE D'UNE PIECE A PARTIR DE SON PROFIL DE SURFACE

Publication

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Application

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Abstract (en)

[origin: WO2007101939A1] The invention concerns a method for characterizing the endurance limit of a part from the state of its surface including the following steps: reading geometrical data describing the surface profile of the zone the endurance limit of which is to be determined, applying said data to a computing model so as to work out an estimate of the field of mechanical stresses in said zone of said part, deducing from said estimate of thee field of stresses at least one quantity characteristic of the endurance behaviour of the part.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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