

Title (en)
METHOD FOR CALIBRATING AN INTERFEROMETER, METHOD FOR QUALIFYING AN OBJECT, AND METHOD FOR PRODUCING AN OBJECT

Title (de)
VERFAHREN ZUM KALIBRIEREN EINES INTERFEROMETERS, VERFAHREN ZUM QUALIFIZIEREN EINES OBJEKTS UND VERFAHREN ZUM HERSTELLEN EINES OBJEKTS

Title (fr)
PROCEDE POUR CALIBRER UN INTERFEROMETRE, PROCEDE POUR QUALIFIER UN OBJET ET PROCEDE POUR PRODUIRE UN OBJET

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Abstract (en)
[origin: WO2004046641A1] The invention relates to a method for calibrating an interferometer comprising a compensation system for measuring an aspherical surface. Said method consists of the following steps: the interferometer (1) comprising the compensation system (25) is prepared; a reference optical module (29) comprising a mirror (37) having a pre-determined mirror face and a pre-determined diffraction pattern (39) separate from the mirror face (37) is arranged; the retracing wave fronts are superimposed, after having passed through the compensation system (25), by a reference wave front to an interference pattern; and optical properties of the interferometer (1) and the compensation system (25) are determined from the interference pattern.

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