

Title (en)
METHOD AND DEVICE FOR OPTICALLY MEASURING THE SURFACE SHAPE AND FOR THE OPTICAL SURFACE INSPECTION OF MOVING STRIPS IN ROLLING AND PROCESSING INSTALLATIONS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM OPTISCHEN MESSEN DER OBERFLÄCHENFORM UND ZUR OPTISCHEN OBERFLÄCHENINSPEKTION VON BEWEGTEN BÄNDERN IN WALZ- UND WEITERBEARBEITUNGSANLAGEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE MESURE OPTIQUE DE LA FORME DE SURFACES ET D'INSPECTION OPTIQUE DE SURFACES DE FEUILLARDS MOBILES DANS DES INSTALLATIONS DE LAMINAGE ET DE TRAITEMENT ULTERIEUR

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Abstract (en)
[origin: WO03067188A1] The invention relates to a method and a device for optically measuring the surface shape and for the optical surface inspection of moving elongate bodies, according to which surface shape measurement and surface inspection are integrated. A projector applies a line pattern to the object to be measured. A camera registers the surface of the object to be measured and compares the image information with a reference pattern. Two high-resolution cameras additionally detect surface defects on the object to be measured. The inventive measuring technique is especially suitable for a combined planarity and surface measurement of metal strips in rolling installations.

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Citation (search report)
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