

Title (en)  
PLASTIC PART, SPECIFICALLY A CAGE FOR A BEARING, CONSISTING OF A RADIATION-CROSSLINKABLE PLASTIC MATERIAL, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
KUNSTSTOFFTEIL, SPEZIELL KÄFIG FÜR EIN LAGER, AUS EINEM STRAHLENVERNETZBAREN KUNSTSTOFF, UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
PIÈCE PLASTIQUE, NOTAMMENT CAGE POUR PALIER, EN PLASTIQUE POUVANT RÉTICULER PAR IRRADIATION, ET PROCÉDÉ DE FABRICATION DE CETTE PIÈCE

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Abstract (en)  
[origin: WO2010020238A1] The invention relates to a plastic part, especially a bearing part, specifically a cage for receiving rolling bodies of a bearing, the body (1) of the plastic part consisting essentially of a radiation-crosslinkable plastic material. The aim of the invention is to provide a simple way of identifying the irradiation state of the radiation-crosslinkable plastic material during the production of the plastic parts, specifically of the cage for the rolling bearing. To this end, pigments (3, 4) that undergo a visible change during the irradiation are mixed in with the plastic material. The invention also relates to a method for producing a plastic part, especially a bearing part, specifically a cage for receiving rolling bodies of a bearing, the plastic part comprising a body (1) consisting of a radiation-crosslinkable plastic material.

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