

Title (en)

METHOD FOR MONITORING THE COMPLIANCE OF A PREDETERMINED DESIRED CONCENTRATION OF A FIRST COMPONENT IN AN ARTICLE CONSISTING OF A THERMOPLAST, AND FIRST COMPONENT OF A THERMOPLAST

Title (de)

VERFAHREN ZUR ÜBERPRÜFUNG DER EINHALTUNG EINER VORGEGEBENEN SOLL-KONZENTRATION EINER ERSTEN KOMPONENTE IN EINEM AUS THERMOPLAST BESTEHENDEN ARTIKEL, SOWIE ERSTE KOMPONENTE EINER THERMOPLASTE

Title (fr)

PROCÉDÉ DE VÉRIFICATION DU RESPECT D'UNE CONCENTRATION THÉORIQUE PRESCRITE D'UN PREMIER COMPOSANT DANS UN ARTICLE EN MATÉRIAU THERMOPLASTIQUE, ET PREMIER COMPOSANT D'UN MATÉRIAU THERMOPLASTIQUE

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Abstract (en)

[origin: WO2013091623A1] The invention relates to a method for monitoring the compliance of a predetermined desired concentration of a first component in an article consisting of a thermoplast, which contains, in addition to the first component, at least one further component. After preparing a sample of the article, a quantitative analysis and determination of the actual concentrations of predetermined elements and/or predetermined compounds of the article are carried out, wherein the predetermined elements are selected from the elements strontium, zirconium, and tin and the predetermined compounds are selected from compounds of the elements strontium, zirconium and tin. The actual concentrations are compared with desired concentrations and a compliance of a predetermined desired concentration of a first component is monitored. The invention further relates to a substance mixture for use as a first component and to the use of the substance mixture in the method according to the invention.

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