

Title (en)

METHOD FOR PRODUCING A COLORED PLASTIC ARTICLE AND ARTICLE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GEFÄRBTEN KUNSTSTOFFGEGENSTANDES UND GEGENSTAND DARAUS

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ARTICLE EN PLASTIQUE COLORÉ ET ARTICLE ASSOCIÉ

Publication

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Application

**EP 21718913 A 20210420**

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Abstract (en)

[origin: EP3901196A1] The present invention is directed to a method of manufacture of a colored plastic article, wherein the method comprises the steps:a1) mixing a plastic basis material with a color-locker masterbatch,wherein the color-locker masterbatch comprises:- a plastic basis material and/or a carrier- a locker agent, and- a dye, wherein at least 80 % of the dye are molecularly solved in the plastic basis material or in the carrier; ora2) mixing a plastic basis material with a color masterbatch and with a locker masterbatch,wherein the color masterbatch comprises:- plastic basis material and/or a carrier,- a dye, wherein at least 80 % of the dye are molecularly solved in the plastic basis material or in the carrier; andwherein the locker masterbatch comprises:- plastic basis material and/or a carrier,- a locker agent;b) producing the colored plastic article by a plastic forming processing method.Furthermore, the present invention is directed to a plastic article produced according to the above method.Further, the present invention is directed to a method for decolorizing of the above plastic article.

IPC 8 full level

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