Title (en)

METHOD FOR TREATING HAIR WITH FORM MEMORY POLYMERS

Title (de)

VERFAHREN ZUR HAARBEHANDLUNG MIT FORMGEDAECHTNISPOLYMEREN

Title (fr)

METHODE DE TRAITEMENT CAPILLAIRE AU MOYEN DE POLYMERES A MEMOIRE DE FORME

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03084491A1] A method for achieving a reproducible hair shaping using form memory polymers is disclosed. A composition comprising a macromer or pre-polymer which may be cross-linked to give a form memory polymer is applied to the hair, the hair is shaped in a particular (permanent) form and the permanent form fixed by means of chemical cross-linking of the macromer or pre-polymer to generate a form memory polymer. The macromers or pre-polymers comprise regions which may be cross-linked by means of chemical bonds and non-chemically cross-linkable thermoplastic regions. The form memory polymers have at least one transition temperature Ttrans. In addition to the permanent hair style a second (temporary) style can also be generated. Furthermore a method is disclosed for the reproduction of a previously programmed permanent hair style which has been transiently transformed into a temporary form or otherwise misshapen.

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