

Title (en)
MODIFIED SILK MATERIALS AND PROCESS FOR THE PRODUCTION THEREOF

Title (de)
MODIFIZIERTE SEIDENMATERIALEN UND HERSTELLUNGSVERFAHREN

Title (fr)
MATIERES DE SOIE MODIFIEE ET PROCEDE DE PRODUCTION DE CELLES-CI

Publication
EP 0964085 B1 20040225 (EN)

Application
EP 98961455 A 19981221

Priority
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• JP 36739597 A 19971225

Abstract (en)
[origin: EP0964085A1] Objects of the present invention is to widen an applicability of carbonized silk utilizing improved properties thereof, to provide an incompletely carbonized product or denatured silk useful for various purposes because of both inherent and carbonized properties thereof by heat-treating silk as a raw material under a mild condition so as to control an extent of carbonization, and to provide an industrially practical method for preparing a denatured silk material by controlling a cost of energy consumption due to heat treatment. There is provided a method for preparing a denatured silk material of various colors by heat-treating natural silk, half-degummed silk or degummed silk or a mixture thereof in an atmosphere of air flow under 0.5 to 1.5 atmospheres at a temperature of 150 to 500 DEG C for a certain period of time.

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