

Title (en)

A non-formaldehyde durable press textile treatment process, a finishing agent for use in the process and a textile fabric treated by the process.

Title (de)

Verfahren zum dauerhaften Formfestmachen von Textilien ohne Formaldehyd, formfestmachendes Mittel für das Verfahren und nach dem Verfahren behandelte Textilien.

Title (fr)

Procédé d'apprêtage durable de produits textiles sans formaldéhyde, agent d'apprêtage pour le procédé, et produits textiles ainsi traités.

Publication

EP 0020034 A1 19801210 (EN)

Application

EP 80301460 A 19800502

Priority

- US 3603579 A 19790504
- US 3664179 A 19790507

Abstract (en)

This invention relates to a durable press treatment for textile fabrics containing cellulosic fibers and which is characterized by avoiding the use of formaldehyde and problems associated therewith. The fabric is impregnated with a formaldehyde-free finishing agent containing glyoxal, reactive silicone and a catalyst. The fabric is thereafter dried and the finishing agent is cured to impart durable press properties to the fabric.

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D06M 15/66; C08L 83/04; D06M 13/12

IPC 8 full level

D06M 11/82 (2006.01); **D06M 13/12** (2006.01); **D06M 15/333** (2006.01); **D06M 15/647** (2006.01)

CPC (source: EP)

D06M 11/82 (2013.01); **D06M 13/12** (2013.01); **D06M 15/333** (2013.01); **D06M 15/647** (2013.01)

Citation (search report)

- FR 1299236 A 19620720 - WACKER CHEMIE GMBH
- TEXTILBETRIEB, Vol 95, No. 12, December 1977, Vogel-Verslag Wurzburg, DE H. MARWITZ "Vernetzbare Silikone in der Textilveredlung" pages 80-83. * Page 82, right-hand column, lines 6-13; page 80, right-hand column, paragraph 3 *
- CHEMICAL ABSTRACTS, Vol. 85, 1976, page 84, Abstract 161737r, Columbus, Ohio, USA MORI et al. "Decrease in the amount of formaldehyde liberated from resin-treated fabrics and fabrics absorbing formaldehyde vapor by dipping in water or washing, and the absorption of formaldehyde liberated from dress shirts by underwear during wearing" & Sen'i Gakkaishi, 1976, 32(8), T-359-T-363. * Whole Abstract *

Cited by

EP0360383A3; CN110886111A; EP1341617A4

Designated contracting state (EPC)

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