Title (en)

DURABLE PRESS/WRINKLE-FREE PROCESS

Title (de)

VERFAHREN FÜR DAS KNITTERFESTAUSRÜSTEN

Title (fr)

PROCEDE PERMETTANT DE RENDRE UN TISSU INFROISSABLE ET SANS PLIS

Publication

EP 1100990 B1 20090715 (EN)

Application

EP 98921043 A 19980512

Priority

- US 9809367 W 19980512
- US 7533498 A 19980511

Abstract (en)

[origin: WO9958758A1] Cellulosic fiber-containing fabrics are made wrinkle resistant by a durable press wrinkle-free process which comprises treating a cellulosic fiber-containing fabric with formaldehyde, a catalyst capable of catalyzing the cross-linking reaction between the formaldehyde and cellulose and a silicone elastomer, heat-curing the treated cellulose fiber-containing fabric, preferably having a moisture content of more than 20 % by weight, under conditions at which formaldehyde reacts with cellulose in the presence of the catalyst without a substantial loss of formaldehyde before the reaction of the formaldehyde with cellulose to improve the wrinkle resistance of the fabric in the presence of a silicone elastomeric softener to provide higher wrinkle resistance, and better tear strength after washing, with less treatment.

IPC 8 full level

D06M 13/127 (2006.01); **D06M 15/39** (2006.01); **D06M 15/643** (2006.01); **D06M 15/657** (2006.01)

CPC (source: EP)

D06M 13/127 (2013.01); **D06M 15/643** (2013.01); **D06M 15/6436** (2013.01); **D06M 15/657** (2013.01); D06M 2101/06 (2013.01); D06M 2200/20 (2013.01)

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