

Title (en)

Process to produce an extensible fabric for use as a seat cover

Title (de)

Verfahren zur Herstellung eines streckbaren Gewebes für Sitzbezüge

Title (fr)

Procédé pour la réalisation d'un tissu extensible utilisable notamment comme revêtement de sièges

Publication

EP 0853152 B1 20010919 (FR)

Application

EP 98420001 A 19980106

Priority

FR 9700313 A 19970109

Abstract (en)

[origin: EP0853152A1] In the method for producing a fabric that is extendible in both the warp and weft directions and which exhibits colour effects, the warp and weft yarns being synthetic yarns that have been subjected a false twist type texturing treatment to render them both voluminous and extendible, the textured yarns forming the warp and/or the weft are dyed prior to forming into the fabric under conditions such that the yarns can contract during the dyeing operation. The weave of the fabric is designed such that the raw fabric is decontextured in the warp and the weft with respect to the desired density in the finished fabric. It then involves carrying out a weaving operation while maintaining the warp and weft yarns under tension. After the weaving operation, the raw fabric is washed at a temperature of below 100 degrees C to avoid washing out of the colourants, then subjected to a thermal finishing treatment by passage on a tenter frame, these operations being carried out under conditions which cause a contraction of the crimp of the yarn which in turn causes a retraction of the fabric in both the warp and the weft directions.

IPC 1-7

D03D 15/08

IPC 8 full level

D03D 15/56 (2021.01)

CPC (source: EP)

D03D 15/56 (2021.01)

Cited by

CN104278417A; WO03047395A1; US6736453B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0853152 A1 19980715; EP 0853152 B1 20010919; AT E205893 T1 20011015; DE 69801686 D1 20011025; DE 69801686 T2 20020418; ES 2161510 T3 20011201; FR 2758145 A1 19980710; FR 2758145 B1 19990205

DOCDB simple family (application)

EP 98420001 A 19980106; AT 98420001 T 19980106; DE 69801686 T 19980106; ES 98420001 T 19980106; FR 9700313 A 19970109