

Title (en)
Method for making deformable fabrics.

Title (de)
Verfahren zur Herstellung verformbarer Flächegebilde.

Title (fr)
Procédé de fabrication d'étoffes déformables.

Publication
EP 0206098 A2 19861230 (DE)

Application
EP 86107905 A 19860610

Priority
DE 3521479 A 19850614

Abstract (en)
[origin: US4861535A] A textile sheet structure which is irreversibly highly deformable is prepared by weaving or knitting a yarn which has a degree of elasticity under a load of 5 cN/tex of less than 50% and which consists at least in part of partially oriented, undrawn synthetic filaments which have birefringence values above 20×10^{-3} , elongations at break between 70 and 200% and flow stresses of at least 6 cN/tex, which have been produced by high-speed spinning and are then subjected to a heat treatment under stress at temperatures between 100 DEG and 180 DEG C.

Abstract (de)
Es werden Verfahren zur Herstellung von beispielsweise durch Tiefziehen irreversibel hochverformbaren Geweben, Gewirken und Gestriicken beschrieben. Die dafür benötigten Garne müssen Elastizitätsgrade von unter 50% aufweisen und enthalten wenigstens als tragende Komponente unverstreckte, jedoch vororientierte synthetische Filamente, deren Fließspannung durch eine Wärmebehandlung unter Spannung verbessert werden kann.

IPC 1-7
D02G 1/16; **D02G 1/20**; **D03D 15/08**

IPC 8 full level
D02G 1/00 (2006.01); **D02G 1/16** (2006.01); **D02G 1/20** (2006.01); **D02G 3/02** (2006.01); **D02G 3/24** (2006.01); **D03D 1/00** (2006.01); **D03D 15/08** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP US)
D02G 1/165 (2013.01 - EP US); **D02G 1/205** (2013.01 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/2915** (2015.01 - EP US); **Y10T 428/2922** (2015.01 - EP US)

Cited by
DE102004048331A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0206098 A2 19861230; **EP 0206098 A3 19891102**; **EP 0206098 B1 19920513**; AT E76122 T1 19920515; AT E78525 T1 19920815; BR 8602776 A 19870210; BR 8602777 A 19870210; DE 3521479 C1 19870102; DE 3685264 D1 19920617; DE 3686098 D1 19920827; DK 165991 B 19930222; DK 166092 B 19930308; DK 166092 C 19930726; DK 278686 A 19861215; DK 278686 D0 19860613; DK 278786 A 19861215; DK 278786 D0 19860613; EP 0206097 A2 19861230; EP 0206097 A3 19891102; EP 0206097 B1 19920722; JP 2590066 B2 19970312; JP 2645649 B2 19970825; JP S6228423 A 19870206; JP S6228437 A 19870206; US 4861535 A 19890829; US 5510184 A 19960423

DOCDB simple family (application)
EP 86107905 A 19860610; AT 86107904 T 19860610; AT 86107905 T 19860610; BR 8602776 A 19860613; BR 8602777 A 19860613; DE 3521479 A 19850614; DE 3685264 T 19860610; DE 3686098 T 19860610; DK 278686 A 19860613; DK 278786 A 19860613; EP 86107904 A 19860610; JP 13635186 A 19860613; JP 13635286 A 19860613; US 20787494 A 19940308; US 87342686 A 19860612