

Title (en)

Polyurethane elastic yarns and stretch fabrics

Title (de)

Elastische Fäden aus Polyurethan und elastische Flächengebilde

Title (fr)

Fils élastiques de polyuréthane et tissus élastiques

Publication

EP 1036864 B1 20031210 (EN)

Application

EP 00105459 A 20000315

Priority

- JP 7052399 A 19990316
- JP 2000027018 A 20000204

Abstract (en)

[origin: EP1036864A1] Polyurethane elastic yarns meeting the following conditions: (1) the angle corresponding to the half-height width of maximum peak intensity in an azimuthal scanning in the measurement of small-angle X-ray scattering is 60 DEG or greater; (2) the angle corresponding to the half-height width in the equatorial direction in the measurement of small-angle X-ray scattering is 2.5 DEG or smaller; and (3) the temperature at the peak of maximum shrinkage stress in the measurement of thermal stress is 135 DEG C or lower; and stretch fabrics which are prepared by weaving or knitting of the above polyurethane elastic yarns in mixture with thermoplastic synthetic fibers, natural fibers, or regenerated fibers.

IPC 1-7

D01F 6/70

IPC 8 full level

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CPC (source: EP KR)

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EP 1036864 A1 20000920; EP 1036864 B1 20031210; AT E256208 T1 20031215; CN 1150356 C 20040519; CN 1267753 A 20000927; DE 60007011 D1 20040122; HK 1028071 A1 20010202; KR 100556132 B1 20060303; KR 20010014584 A 20010226; TW 452612 B 20010901

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