

Title (en)

Fibers, high airtightness fabrics and a fabrication method thereof

Title (de)

Fasern, Textilerzeugnis mit hoher Luftundurchlässigkeit und entsprechendes Herstellungsverfahren

Title (fr)

Fibres, tissu avec une étanchéité à l'air élevée, et leur procédé de fabrication

Publication

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Application

EP 06014442 A 20060712

Priority

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Abstract (en)

The present invention provides a new tetragon fiber and a method for fabricating the same. The present invention includes: heating a thermoplastic material, extruding it from a tetragon-shaped nozzle, passing it through an airless zone, then cooling and solidifying to form threadlike substances, rolling up then processing the threadlike substances to form fibers with tetragon cross sections. The fabrics of present invention comprises a property of fine air-tightness.

IPC 8 full level

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CPC (source: EP)

D01D 5/088 (2013.01); **D01D 5/253** (2013.01)

Citation (applicant)

- JP 2002129444 A 20020509 - TORAY INDUSTRIES
- JP 2003183945 A 20030703 - TOYO BOSEKI
- JP S54154595 A 19791205 - UNITIKA LTD
- EP 1632594 A1 20060308 - MITSUI CHEMICALS INC [JP]
- US 2003096114 A1 20030522 - CHEN LIEN-TAI [TW], et al

Citation (search report)

- [DX] JP 2002129444 A 20020509 - TORAY INDUSTRIES
- [X] JP S54154595 A 19791205 - UNITIKA LTD
- [X] EP 1632594 A1 20060308 - MITSUI CHEMICALS INC [JP]

Cited by

EP2221400A1; CN111235651A; US8211340B2; EP2065492A1; EP3859055A1

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