

Title (en)

Paper-like polyester fiber sheet.

Title (de)

Papierähnliches Polyesterfaserblatt.

Title (fr)

Feuille de fibres de polyester semblable au papier.

Publication

EP 0193798 A1 19860910 (EN)

Application

EP 86102191 A 19860220

Priority

- JP 3529585 A 19850226
- JP 11895785 A 19850603

Abstract (en)

A paper-like polyester fiber sheet having enhanced mechanical strength, opaqueness, and resistance to permeation of liquids, gases, and bacteria and a soft touch, including polyester short fibers each having a thickness of 0.1 to 15 denier and a length of 3 to 25 mm and provided with a flat cross-sectional profile having a degree of flatness (a ratio in length of a major axis to a minor axis of the profile) of 2.5 or more. The polyester short fibers preferably exhibited an irreversible spontaneous elongation in hot water at 90 DEG C.

IPC 1-7

D21H 5/12

IPC 8 full level

D21H 13/24 (2006.01)

CPC (source: EP)

D21H 13/24 (2013.01)

Citation (search report)

- [X] US 3223581 A 19651214 - ERWIN SOMMER, et al
- [A] EP 0043555 A1 19820113 - TEIJIN LTD [JP]
- [A] EP 0016450 A1 19801001 - TEIJIN LTD [JP]
- [X] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 55, no. 7, January 1985, page 870, no. 8312, Appleton, Wisconsin, US; & JP - A - 58 208 498 (TEIJIN LTD.; TOYO FILTER PAPER CO., LTD.) 05-12-1983
- [X] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 55, no. 3, September 1985, page 373, no. 3514, Appleton, Wisconsin, US; & JP - A - 58 140 904 (FUJIKURA ELECTRIC WIRE LTD.) 20-08-1983
- [A] DERWENT JAPANESE PATENTS GAZETTE, week E40, Section Ch: Chemical: Textiles; Paper; Cellulose, 17th November 1982, page 7, no. 84708, Derwent Publications Ltd., London, GB; & JP - A - 57 139 600 (TEIJIN K.K.) 24-02-1981
- [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 53, no. 4, October 1982, page 488, no. 4457, Appleton, Wisconsin, US; & JP - A - 57 29 700 (TEIJIN LTD.) 17-02-1982 (Cat. D,A)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0193798 A1 19860910

DOCDB simple family (application)

EP 86102191 A 19860220