

Publication

EP 0645480 A4 19950503

Application

EP 94912067 A 19940406

Priority

- JP 8158493 A 19930408
- JP 8158593 A 19930408
- JP 10487093 A 19930506
- JP 9400581 W 19940406

Abstract (en)

[origin: EP0645480A1] An ultrafine fiber with a network structure, wherein the defect of an olefin polymer and that of an ester polymer have been offset while utilizing the merits of both polymers; and a nonwoven fabric constituted thereof and having a dense structure. This fiber is produced from a mixture consisting at least of an olefin polymer and an ester polymer which are mutually incompatible and has a network structure. It is highly fibrillated to such an extent as has been unattainable heretofore, has high strength and modulus, and is dyeable. The nonwoven fabric contains network-structure fibers of a mixture of an olefin polymer with an ester polymer incompatible therewith in a ratio of 5/95 to 95/5, and these fibers are bonded to each other wholly or partly. It is excellent in strength, moisture permeability and water pressure resistance and is dyeable.

IPC 1-7

D01D 5/11

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 0093021 A2 19831102 - MONTEDISON SPA [IT]
- [A] FR 2246661 A1 19750502 - ANIC SPA [IT]
- [A] US 4443513 A 19840417 - MEITNER GARY H [US], et al
- See references of WO 9424347A1

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