

Title (en)  
High density fine weave fabric made of microfibers

Title (de)  
Dichtes Feingewebe aus Mikrofaseren

Title (fr)  
Tissu fin à haute densité à base de microfibres

Publication  
**EP 0779385 A1 19970618 (DE)**

Application  
**EP 96119802 A 19961210**

Priority  
DE 19546876 A 19951215

Abstract (en)  
A dense fine weave of microfibres is proof against mites, the weft comprises 45-80 threads/cm, each thread containing a number of filaments equal to 75 or above and each filament having a diameter < 9  $\mu$ m. Also claimed are areas where the weave may be used as follows: as covers filled with down or fibres, e.g. silicone-treated hollow polyester fibres; operating theatre undergarments; clean room clothing; covers, e.g. for upholstery, bedding and mattresses; filter weaves; carrier material for chemicals.

Abstract (de)  
Dichtes Feingewebe aus Mikrofaser, das milbendicht ist und der Schuß aus 45 - 80 Faden besteht, wobei der Schuß jeweils eine Filamentzahl von 75 und mehr aufweist und der Durchmesser der Einzelfilaments weniger als 9  $\mu$ m beträgt. Dabei weist das verwendete Garn Einzelfilamente vorzugsweise von weniger als 0,6 dtex auf. Das Gewebe kann in Kette und Schuß aus Polyester-Mikrofaser bestehen, aber auch jeweils nur in Kette oder nur in Schußrichtung.

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**D03D 1/00**; **D03D 15/00**; **D03D 13/00**

IPC 8 full level  
**D03D 1/00** (2006.01); **D03D 13/00** (2006.01); **D03D 15/00** (2006.01)

CPC (source: EP US)  
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