

Title (en)

Three-dimensional knit spacer fabric for footwear and backpacks

Title (de)

Dreidimensional gewirkter Abstandsstoff für Schuheinlagen und Rucksäcke

Title (fr)

Etoffe en tricot tridimensionnel pour chaussures et sacs à dos

Publication

**EP 0994207 B1 20040102 (EN)**

Application

**EP 98308383 A 19981014**

Priority

EP 98308383 A 19981014

Abstract (en)

[origin: EP0994207A1] A integrated three-dimensional knit spacer fabric is provided. The fabric includes a first fabric layer (13), a second fabric layer (15), and a resilient yarn (21) interconnecting the two layers. The first fabric layer is made from fiber rendered hydrophilic, while the second fabric layer is abrasion resistant. <IMAGE>

IPC 1-7

**D04B 21/04**

IPC 8 full level

**D04B 21/04** (2006.01)

CPC (source: EP US)

**A43B 1/028** (2022.01 - US); **A43B 1/04** (2013.01 - EP US); **D04B 21/18** (2013.01 - EP); **D10B 2401/022** (2013.01 - EP); **D10B 2403/0111** (2013.01 - EP); **D10B 2403/021** (2013.01 - EP); **D10B 2501/043** (2013.01 - EP)

Cited by

ITVE20080095A1; CN106702586A; CN107567401A; ITVR20150074A1; GB2425131B; CN103338631A; US8910319B2; US6616159B2; WO2016178143A1; WO2010076299A1; US9808382B2; US9937085B2; DE112018008083T5; DE112018008083B4; WO2006100434A1; WO2012095533A1

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DOCDB simple family (publication)

**EP 0994207 A1 20000419**; **EP 0994207 B1 20040102**; AT E257187 T1 20040115; DE 69820874 D1 20040205; DE 69820874 T2 20041230

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