

Title (en)
Textile mesh with a reduced thickness

Title (de)
Textiles Gitter mit einer reduzierten Dicke

Title (fr)
Grille textile d'épaisseur réduite

Publication
EP 1111114 B2 20200715 (FR)

Application
EP 00420258 A 20001215

Priority
FR 9916002 A 19991217

Abstract (en)
[origin: EP1111114A1] A textile grill, comprises at least two warp layers and at least one weft layer of nonwoven fabric. An adhesive holds the layers together where they intersect. The grill has a performance level (TP) of ≥ 30 , given a specific relationship. A textile grill, comprises at least two warp layers and at least one weft layer of nonwoven fabric. An adhesive holds the layers together where they intersect. The grill has a performance level (TP) given by equation (I). $TP = S \times 100$ divided by $(T \times E \times C) \geq 30$ (I) C = factor for the adhesive, = 0-1; E = grill thickness (mm); S = surface area of intersection points (mm²); and T = quality of the warp and weft fibers (g/km). Independent claims are included for: (a) an industrial product including the above grill; and (b) the manufacture of the grill, comprises impregnating the assembled layers with adhesive and pressing the grill before the adhesive has dried.

IPC 8 full level
B32B 5/26 (2006.01); **D04H 3/04** (2012.01); **D04H 3/002** (2012.01); **D04H 3/004** (2012.01); **D04H 3/045** (2012.01); **D04H 3/12** (2006.01)

CPC (source: EP US)
D04H 3/002 (2013.01 - EP US); **D04H 3/004** (2013.01 - EP US); **D04H 3/045** (2013.01 - EP US); **D04H 3/12** (2013.01 - EP US); **Y10T 428/167** (2015.01 - EP US); **Y10T 428/19** (2015.01 - EP US); **Y10T 428/192** (2015.01 - EP US); **Y10T 428/24058** (2015.01 - EP US); **Y10T 428/24124** (2015.01 - EP US); **Y10T 428/24132** (2015.01 - EP US); **Y10T 428/24174** (2015.01 - EP US); **Y10T 428/24826** (2015.01 - EP US); **Y10T 442/184** (2015.04 - EP US); **Y10T 442/191** (2015.04 - EP US); **Y10T 442/197** (2015.04 - EP US); **Y10T 442/198** (2015.04 - EP US); **Y10T 442/2738** (2015.04 - EP US); **Y10T 442/3203** (2015.04 - EP US)

Citation (opposition)
Opponent :
GB 1463969 A 19770209 - BAY MILLS LTD

Cited by
FR2843523A1; EP2572874A1; WO2012150334A1; FR2843525A1; WO2004014122A1

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Designated extension state (EPC)
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