

Title (en)  
WOVEN GRID

Title (de)  
GITTERGEWEBE

Title (fr)  
GRILLE TISSEE

Publication  
**EP 1458912 A1 20040922 (DE)**

Application  
**EP 03720505 A 20030419**

Priority  
• DE 10245503 A 20020927  
• EP 0304110 W 20030419

Abstract (en)  
[origin: US2004266291A1] A wide-meshed grid fabric, in particular a geogrid, in which warp thread bundles composed of multiple warp threads and weft thread bundles composed of multiple weft threads intersect and surround meshes or lattice openings. To give the grid fabric, which may also be a scrim, a greater volume, whereby, among other things, improved reinforcement of the soil may be achieved, individual threads of a thread bundle in a mesh are longer than other threads of the same thread bundle, the longer threads running in a wave pattern and forming at least one open loop or bulge per mesh; the open loop or bulge may protrude upward and/or downward from the plane of the grid fabric. A plastic coating may stiffen the grid fabric.

IPC 1-7  
**D03D 9/00**; **D03D 13/00**

IPC 8 full level  
**D03D 9/00** (2006.01); **D03D 13/00** (2006.01)

CPC (source: EP US)  
**D03D 9/00** (2013.01 - EP US); **D03D 13/004** (2013.01 - EP US); **D03D 19/00** (2013.01 - EP US); **D10B 2505/20** (2013.01 - EP US); **Y10T 428/23957** (2015.04 - EP US); **Y10T 428/23964** (2015.04 - EP US); **Y10T 442/102** (2015.04 - EP US); **Y10T 442/105** (2015.04 - EP US); **Y10T 442/172** (2015.04 - EP US); **Y10T 442/178** (2015.04 - EP US); **Y10T 442/183** (2015.04 - EP US); **Y10T 442/2361** (2015.04 - EP US); **Y10T 442/273** (2015.04 - EP US); **Y10T 442/2861** (2015.04 - EP US); **Y10T 442/2992** (2015.04 - EP US); **Y10T 442/3179** (2015.04 - EP US); **Y10T 442/322** (2015.04 - EP US); **Y10T 442/3301** (2015.04 - EP US); **Y10T 442/3317** (2015.04 - EP US)

Citation (search report)  
See references of WO 2004033777A1

Cited by  
EP2292845A1; EP2292843A1; EP2385174A1

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