

Title (en)

Vented cell material for confinement of concrete and earth materials.

Title (de)

Werkstoff mit gelochten Zellen für das Zusammenhalten von Beton und Erdmaterialien.

Title (fr)

Matériau à cellules perforées pour le confinement de béton et de matières terreuses.

Publication

EP 0378309 A1 19900718 (EN)

Application

EP 90300098 A 19900104

Priority

US 29584689 A 19890111

Abstract (en)

An earth confinement material (10) having vent openings (12) between adjacent cells (14) provides improved structural integrity in single layer and multilayer filled cell structures and allows venting of water and entrapped gases from certain fill materials (32). The vent openings can also be used for connecting adjacent cell sections using cable (100), nut and bolt assemblies, or the like. The vented earth confinement structures can be used with a wide variety of fill materials (32) including sand, soil, cement, asphalt, gravel, and industrial spoil materials.

IPC 1-7

E02D 17/20

IPC 8 full level

E01C 3/00 (2006.01); **B32B 3/12** (2006.01); **B32B 3/28** (2006.01); **E01C 11/16** (2006.01); **E02D 17/20** (2006.01)

CPC (source: EP)

E02D 17/202 (2013.01)

Citation (search report)

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