

Title (en)

POROUS MEDIA FOR DISSIPATING ELECTRICAL CHARGE

Title (de)

PORÖSES MEDIUM ZUM ABLEITEN VON ELEKTRISCHEN LADUNGEN

Title (fr)

MILIEUX POREUX DESTINE A DISSIPER LA CHARGE ELECTRIQUE

Publication

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Application

**EP 00982181 A 20001122**

Priority

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- US 1669099 P 19991123

Abstract (en)

[origin: WO0137970A1] Disclosed are porous media, including filter media, that dissipate electrical charges that are generated when a fluid such as a non-polar fluid moves through the porous media. The porous media include a non-conductive glass, polymeric, or ceramic fiber and a conductive polymer fiber, a non-conductive glass or ceramic fiber and a conductive material-coated fiber, a non-conductive glass fiber and a metal-impregnated conductive fiber, a non-conductive synthetic polymeric fiber and a metal-coated fiber, a non-conductive natural polymeric fiber and a conductive material-impregnated fiber, or a non-conductive glass, ceramic, or synthetic polymeric fiber and a metal fiber. A composite filter medium comprises a conductive or nonconductive fiber layer laid on and bonded to an electrically conductive substrate.

IPC 1-7

**B01D 39/16**; **B01D 39/20**

IPC 8 full level

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