

Title (en)

A DIESEL SOOT PARTICULATE FILTER MEDIUM

Title (de)

DIESELRUSSPARTIKELFILTERMEDIUM

Title (fr)

PRODUIT FILTRANT DE PARTICULES DE SUIE DE DIESEL

Publication

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Application

EP 06818902 A 20061129

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- EP 06818902 A 20061129

Abstract (en)

[origin: WO2007079829A1] A diesel soot particulate filter medium as subject of the present invention has an inflow side and an outflow side, and comprises at least n consecutive layers L_x of fiber media, x varying from 1 to n, n being more than 2. L₁ provides the inflow side of the diesel soot particulate filter and L_n provides the outflow side of the diesel soot particulate filter medium. Each layer L_x has a porosity P_x. All layers L_x, for which 1=x=n-1, have a substantially equal porosity to P_h, layer L_n having a porosity P_s, P_h being larger than P_s. Also according to the present invention, a diesel soot particulate filter medium comprises at least n consecutive layers L_x of fiber media, x varying between 1 and n, n being more than 3. L₁ provides the inflow side of the diesel soot particulate filter and L_n provides the outflow side of the diesel soot particulate filter medium. For at least m layers L_{X_i}, 1=i=m, m being at least 1 and m being less than n/2, L_{X_i} being different from L_n and L_{X_i} being different from L₁, P_{X_i} is smaller than its neighboring layers.

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Citation (search report)

See references of WO 2007079829A1

Citation (examination)

- WO 2005030373 A1 20050407 - BEKAERT SA NV [BE], et al
- DE 1996059 U 19681107 - WMF WUERTTEMBERG METALLWAREN [DE]

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