

ABSTRACT OF THE DISCLOSURE

FILTER ELEMENT AND FILTER MODULE COMPRISING SAME

The invention relates to a filter element comprising one or more fluid-pervious layers of a fluid-pervious sheet material having first and second surfaces in a substantially parallel arrangement, a fluid-impervious layer arranged in fluid tight contact with at least one of said first and second surfaces of said layer(s) of fluid-pervious sheet material to substantially fully cover the first and/or second surfaces thereof, one or more first and second edge portions, said first and second edge portions being arranged at a predefined distance and separated from one another by a predefined area of the fluid-pervious sheet material, a fluid flow path limited to and extending essentially parallel to the first and second surfaces from the first edge portion(s) to the second edge portion(s) within each of said layers of fluid-pervious sheet material, said first and second edge portions providing a fluid intake and a fluid drainage at the upstream and downstream ends of said fluid flow path, respectively. The invention further relates to filter modules comprising one or more of said filter elements.

Figure 1