

ABSTRACT

FILTER WITH ELECTRICALLY-CONDUCTIVE WRAP

A filter for filtering particulates from a fluid stream includes a filter element, a first end cap, a second end cap, and a wrap. The end caps are respectively secured to the ends of the filter element to form a fluid tight seal therebetween. At least one of the end caps defines an opening therethrough in fluid communication with the interior passage of the filter element. The wrap is in the form of a strip secured to at least the filter element. The wrap comprises a conductive layer comprising an electrically-conductive material. The wrap is wrapped around the filter element such that at least forty percent of the outer surface area is covered by the conductive layer.

No Figure.