

Abstract of Disclosure

An air cleaning apparatus such as a clean room or the like having an air circulation mechanism which circulates the humidity controlled air through a predetermined air circulation path, wherein the air circulation path is provided with a filter which has a hydrophobic zeolite layer formed on its base filter media surface and another filter which is disposed downstream from the filter having a hydrophobic zeolite layer and is used for removing particulate impurities contained in the circulating air. According to this air cleaning apparatus, gaseous organic impurities and particulate impurities contained in the air circulating in the air cleaning apparatus can be removed without lowering the humidity of the circulating air. Furthermore, since this air cleaning apparatus includes no activated charcoal which is inflammable, the apparatus is excellent from the standpoint of disaster prevention. Accordingly, the filters according to the invention and particle filters can be installed with safety in the ceiling portion of the air cleaning apparatus.