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(57) Abstract :

The present disclosure relates generally to medical field. More specifically the present invention relates to a personal protective equipment (PPE) with cooling effect. The personal protective equipment (PPE) (100) includes two or more two or more layers comprising atleast one layer that is made of Polypropylene fibre (102) and a layer comprises a bladder (104) to store a cooling liquid (106). The cooling liquid (106) is preferably a cooling gel provided to absorb heat and designed to cool the body of a user. The equipment (100) further includes a motor attached at the ankles of both the legs of the user for the movement of the gel to increase the time period of the cooling affect of the gel. Advantageously, the present invention relates to a personal protective equipment (PPE) with prolong cooling effect and heat absorption.

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