ABSTRACT

SYSTEM, APPARATUS AND METHOD FOR LIQUID ATOMIZATION

A liquid atomization system for irrigation, comprising: a liquid pump operable to pump liquid from a liquid source; at least one conduit arranged to receive the liquid from the liquid pump, wherein the at least one conduit includes a plurality of atomizers operable to atomize the liquid received from the conduit; the system further including at least one scaffold comprising at least one stand operable to be affixed onto a surface and a plurality of horizontal bars, wherein the at least one conduit is supported by the plurality of horizontal bars; wherein the at least one scaffold is installed at a land location to enable the atomized liquid that is released by the plurality of atomizers to be carried by wind passing the plurality of horizontal bars. The liquid atomization system of the present invention alleviates the damaging effects of the dry wind by atomizing liquid to moisturize the wind.

Figure 1a

ABSTRACT

SYSTEM, APPARATUS AND METHOD FOR LIQUID ATOMIZATION

A liquid atomization system for irrigation, comprising: a liquid pump operable to pump liquid from a liquid source; at least one conduit arranged to receive the liquid from the liquid pump, wherein the at least one conduit includes a plurality of atomizers operable to atomize the liquid received from the conduit; the system further including at least one scaffold comprising at least one stand operable to be affixed onto a surface and a plurality of horizontal bars, wherein the at least one conduit is supported by the plurality of horizontal bars; wherein the at least one scaffold is installed at a land location to enable the atomized liquid that is released by the plurality of atomizers to be carried by wind passing the plurality of horizontal bars. The liquid atomization system of the present invention alleviates the damaging effects of the dry wind by atomizing liquid to moisturize the wind.

Figure 1a