

# ABSTRACT

A showerhead is either wall mounted or provided with a handle connected through a flexible hose to an incoming water outlet. The showerhead has a turbine (32) which may cause the delivery of pulses of circumferentially distributed groups of pulses of water so as to provide either fast or slow massage action. Also included is a pause mode in which flow is reduced without complete shutoff and a center spray mode which provides a concentrated spray pattern. Other modes possible are a needle spray, a combination pulse and needle spray, a combination needle spray with a body spray and just a body spray. Various water paths are defined from a flow selector through the unit to different ones of front-facing orifices (118, 120, 122, 124) as defined for the different modes. Selection is achieved by a combination of a flow director (36) and a control plate (38). User access for mode selection is by way of an external circumferential control ring (52) operatively coupled to the control plate (38) through a control arm (44). A component (22, 24) is removable by the user to enable easy cleaning of an array of the outlet orifices (118, 120, 122, 124).

This Sheet Has Been Replaced

