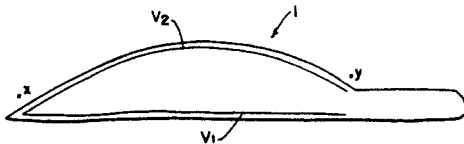


from both streams is combined, and being still wet with solvent, is subjected to steam stripping, yielding solvent vapor. The hot vapors which result are first used to preheat the feed slurry followed by condensation and separation of solvent, which is recycled into the system, and water. Heat is also recuperated from the spent sand to preheat the feed slurry.

4423735

DYNAMIC ORTHOTIC DEVICE CONTAINING FLUID

John E Comparetto

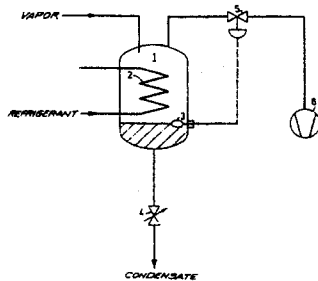


An orthotic apparatus to help resupinate the foot after the initial contact phase of gait. The device consisting of a flexible envelope containing a fluid with a cambered upper surface to flex upwardly upon the generation of a fluid wave along the longitudinal axis of the foot.

4423766

VACUUM CONDENSATION APPARATUS

Karl-Hein Bernhardt, Helmut Strzala, Braunschweig, Federal Republic Of Germany assigned to Arthur Pfeiffer Vakuumtechnik Wetzlar GmbH

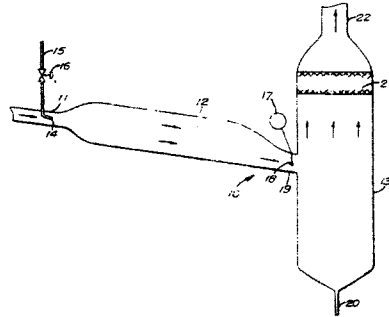


Apparatus for condensing vapors at reduced pressure including a cooled vapor condenser having a liquid level sensor therein with a vacuum pump being connected by way of a control valve for drawing vapor from the vapor chamber of the condenser. The liquid level sensor opens and closes the control valve to control drawing of vapor from the vapor chamber in accordance with the level of liquid in the condenser.

4424680

INEXPENSIVE METHOD OF RECOVERING CONDENSABLE VAPORS WITH A LIQUIFIED INERT GAS

Ronald D Rothchild

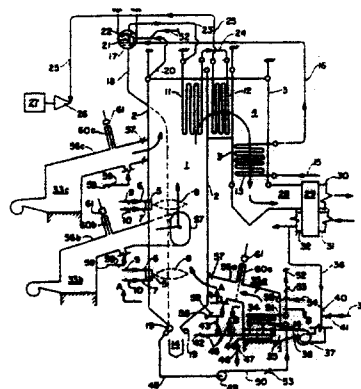


Method and apparatus for recovering, as liquid, condensable vapor contained in a gas stream by refrigerating the gas stream by injecting the liquified phase of an inert gas, such as nitrogen, mixing the combined gas stream and liquified inert gas, and separating the condensed condensable vapor from the remaining gas stream and inert gas.

4424765

STEAM GENERATOR HAVING EXTERNAL FLUIDIZED BED COMBUSTION MEANS

Charles Strohmeyer assigned to Electrodyne Research Corporation



The invention provides a means for more effectively adapting fluidized bed combustors for retrofit of existing boilers for burning of low grade inexpensive solid fuels. The operating discharge gas from a fluidized bed combustor is