

METHOD OF METERING A LIQUID ADDITIVE
INTO A LIQUID SILICON-CONTAINING MATERIAL

ABSTRACT

A method of metering a liquid additive into a liquid silicon-containing material. The method comprises feeding a liquid silicon-containing material through a first rotary gear positive displacement pump causing a driving mechanism connecting the first rotary gear positive displacement pump to a second rotary gear positive displacement pump to rotate. The rotating driving mechanism causes the second rotary gear positive displacement pump to pump a liquid additive at a volume flow rate proportionate to the volume flow rate of the liquid silicon-containing material through the first rotary gear positive displacement pump.