

(57) Abrégé(suite)/Abstract(continued):

sensor for the drying airflow provides a temperature signal. A moisture content sensor senses grain moisture content as a function of the dielectric constant of the grain in the drum. A programmable logic controller computer system is interfaced with the temperature sensors, the moisture sensor, the humidity sensors, and grain level sensor, the heater valves, the chiller, the blower and the drum motors controlling unit, the computer is programmed to automatically control the drum rotating, Drying, aerating and cooling process according to a set temperature limit and moisture content for the particular grain to be processed.

