

- 12 -

ABSTRACT

GAS KNIFE COOLING SYSTEM

A method for cooling solder products which pass on a conveyor from a heating flow of a device such as a reflow soldering oven to a cooling section. At least one gas knife directs at least one gas stream onto the soldered products in the cooling section to cool those products. Furthermore, in order to remove flux deposits on the at least one gas knife, cleaning cycles are provided from time to time whereby the gas is heated above the flux vaporization temperature of the flux deposits so that the flux is vaporized from the gas knives.

Figure 1



G00002



162162