

A HEAT SINK ASSEMBLY APPARATUS

Abstract

A heat sink assembly comprising a heat sink including a plurality of parallel fins, said fins defining a plurality of channels; said heat sink divided into two stages; said first stage positioned in the upstream portion of said heat sink and arranged such that fluid entering the heat sink is under closed channel flow conditions within said plurality of channels and; the second stage positioned in the downstream portion, said second stage including a void above said channels so as to have open channel flow in said channels for fluid exiting said heat sink.

Figure 2