

A gas turbine blade for a turbomachine comprising in its central portion, a centrally-located first cooling circuit comprising: at least one suction side cavity, at least one pressure side cavity, at least one central cavity extending radially in the central portion of the blade between the suction side cavity and the pressure side cavity, a first air admission opening at a radially bottom end of the suction side cavity to feed cooling air to said suction side cavity, a second air admission opening at a radially bottom end of the pressure side cavity, at least one first passage putting a radially top end of the suction side cavity into communication with a radially top end of the central cavity, at least one second passage putting a radially top end of the pressure side cavity into communication with the radially top end of the central cavity, and outlet orifices opening out both into the central cavity and into the pressure side face of the blade.