

ABSTRACT

A COOLING SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

The present subject matter discloses a two-wheeled vehicle (100). The two-wheeled vehicle (100) comprising an air intake structure (200) and the air intake structure (200) comprising, a hood cover (301) configured to provide a U-shaped serpentine path for air entry before entering inside the crankcase (208) and the hood cover (301) comprising an air inlet opening (301a). With the above proposed invention, entry of foreign matter such as dust and debris, water and mud, hot air surrounding hotter regions of an IC engine (101) is prevented. The air intake structure (200) has compact structure, and no changes in capacity of cooling fan are required. Further, the air intake structure (200) improves the efficiency of a CVT system and improves the overall operation of the two wheeled vehicle (100).

[FIG. 4B]