G00002

ABSTRACT OF THE DISCLOSURE

CHASSIS HAVING REDUCED ACOUSTIC NOISE AND ELECTROMAGNETIC EMISSIONS AND METHOD OF COOLING COMPONENTS WITHIN A CHASSIS

A chassis for housing components includes a shell having an intake duct and an exhaust duct. The intake duct is coupled to an intake port for directing cooling air from the intake port into the chassis, and the exhaust duct is coupled to an exhaust port for directing cooling air out of the chassis. The intake duct and the exhaust duct include active and/or passive noise attenuating features for attenuating noise generated within the chassis, which allows the chassis to operate more quietly. The ducts are also dimensioned to attenuate electromagnetic radiation generated within the chassis, which prevents the escape of electromagnetic radiation from the chassis.

Figure 2