REMOVABLE HARD DISK DRIVE (HDD) THAT IS HOT-PLUG COMPATIBLE WITH MULTIPLE EXTERNAL POWER SUPPLY VOLTAGES

ABSTRACT OF THE DISCLOSURE

Circuitry in a hard disk drive (HDD) senses the supply voltage, normally at power-on, and applies appropriate DC-to-DC conversion (pass-through, step-down, or boost regulation) according to the design requirements of the HDD.

(FIG. 2A)