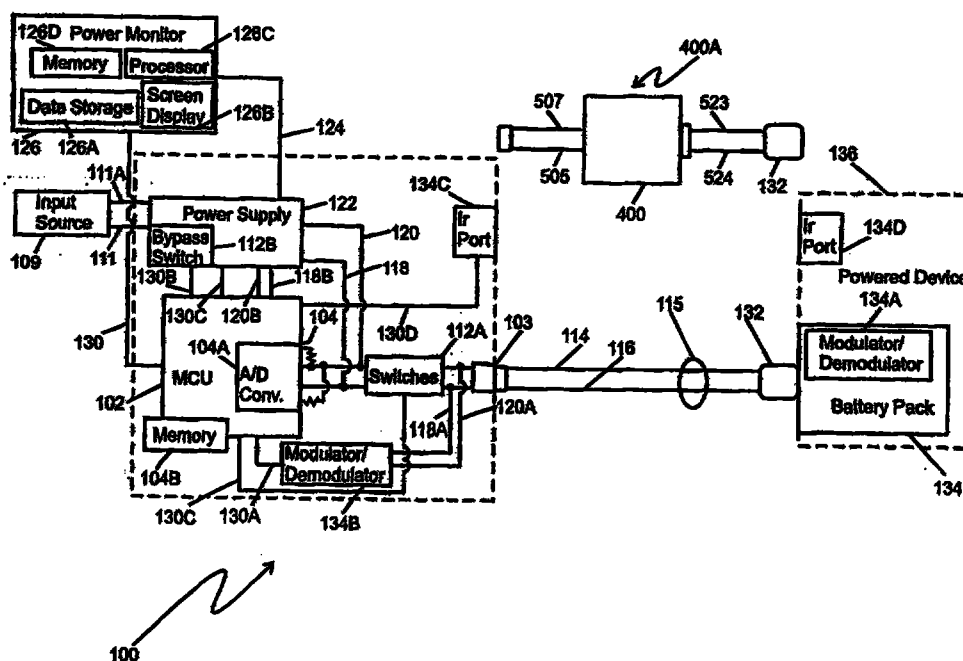




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(54) Title: SYSTEMS FOR CONFIGURING AND DELIVERING POWER



(57) Abstract

Systems comprised of hardware assemblies, either embedded (100) or external (400), which use software (101 or 800) for processes (330 to 356) such as acquiring power-related values (342), principally by the use of a connector (132) that accesses a battery (134), in order for a processor (102) to calculate an optimized power signal (338), and then to configure an output (344) of a power supply (122) to deliver the power signal to a powered device (136).