

Title (en)

Apparatus suitable for use in batteryless vehicle, for reducing and controlling loads such as electrical components upon its start-up.

Title (de)

Vorrichtung zur Benützung in einem Kraftfahrzeug ohne Batterie zur Verminderung und Steuerung von Belastungen, sowie elektrische Komponenten, während des Anlassens.

Title (fr)

Dispositif adapté pour être utilisé dans un véhicule sans batterie, pour réduire et commander des charges, tels que des composants électriques, pendant le démarrage.

Publication

**EP 0646723 A1 19950405 (EN)**

Application

**EP 94113766 A 19940902**

Priority

JP 24922193 A 19931005

Abstract (en)

[Object] In a batteryless vehicle for driving loads such as electrical components by power obtainable from a generator driven based on a rotational output of an engine and activating an igniter based on the same rotational output, the generated power is supplied to the igniter in preference to others upon starting the engine so as to smoothly start the engine. [Constitution] A switching means 7 is provided between the output of a generator 3 and other load 6 other than an igniter 4 and a load supply-power controlling means 5. When an engine speed detected by a pickup coil 15 reaches an engine speed corresponding to a threshold used for a load connection, a load connection deciding means 30 provided within the load supply-power controlling means 5 generates a detected output 30a to thereby activate a switch driving means 40 to bring the switching means 7 into a closed state so as to supply power to the other load 6. The load connection deciding means 30 has a hysteresis characteristic. When the engine speed reaches an engine speed substantially lower than that at the time of the load connection, the supply of the power to the other load 6 is stopped by the load connection deciding means 30. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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