

Title (en)

POWER SUBASSEMBLY FOR MICRO-HYBRID SYSTEM IN AN AUTOMOBILE

Title (de)

LEISTUNGSUNTERORDNUNG FÜR EIN MICROHYBRIDSYSTEM IN EINEM MOTORFAHRZEUG

Title (fr)

SOUS-ENSEMBLE DE PUISSANCE D'UN SYSTEME MICRO-HYBRIDE POUR VEHICULE AUTOMOBILE

Publication

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Application

**EP 08805754 A 20080507**

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Abstract (en)

[origin: WO2008149001A2] According to the invention, the power subassembly (3) for a micro-hybrid system (1) in an automobile includes a AC-DC converter (8) with a transistor bridge (13), an energy storage device (10) and a power bus (9) including at least two substantially symmetrical and parallel conductors (22). According to the invention, the conductors (22) include respective substantially planar surfaces (23, 23') facing each other. The power bus integrated in the power subassembly of the invention allows for a parasitic inductance that is by far lower than that of the standard cables in power subassemblies of the prior art, particularly in order to avoid overvoltage at the terminals of the transistors in the AC-DC converter.

IPC 8 full level

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