

Title (en)

JUMP START SYSTEM FOR A VEHICLE

Title (de)

STARTHILFESYSTEM FÜR EIN FAHRZEUG

Title (fr)

SYSTÈME D'AIDE AU DÉMARRAGE POUR UN VÉHICULE

Publication

EP 2394050 A1 20111214 (DE)

Application

EP 10704321 A 20100204

Priority

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- DE 102009007545 A 20090204

Abstract (en)

[origin: WO2010089113A1] At least one internal jump start accumulator (2) having a predeterminable nominal voltage is provided in a jump start system (10) for a vehicle, wherein the internal jump start accumulator (2) can be or is connected in parallel to the starter battery (12) of the vehicle for supporting the power requirement during the starting process. The jump start system (10) is automatically connected depending on an analysis result of the starting process. In a method for a jump start in a vehicle, the onboard power supply system voltage is measured when a or the jump start system is being connected to the onboard power supply system of a vehicle, a control logic (1) of the jump start system is supplied with power, the point in time for connecting the voltage of the jump start accumulator (2) is calculated from the onboard power supply system voltage measured during connection, reduced by a voltage jump of n volt, and the power supply is interrupted as soon as the onboard power supply system voltage exceeds a presettable voltage (U2).

IPC 8 full level

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