Title (en)

METHOD FOR SENSORLESS DRIVE CONTROL OF AN ELECTRIC VEHICLE AND DRIVE CONTROL OPERATING ACCORDING TO SAID METHOD

Title (de)

VERFAHREN ZUR SENSORLOSEN ANTRIEBSREGELUNG EINES ELEKTROFAHRZEUGS SOWIE DANACH ARBEITENDE ANTRIEBSREGELUNG

Title (fr)

PROCEDE DE REGULATION D'ENTRAINEMENT SANS CAPTEUR D'UN VEHICULE ELECTRIQUE ET REGULATION D'ENTRAINEMENT FONCTIONNANT SELON CE PROCEDE

Publication

EP 1301370 A1 20030416 (DE)

Application

EP 01960329 A 20010619

Priority

- DE 10035069 A 20000717
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- EP 0106894 W 20010619

Abstract (en)

[origin: US2003127289A1] A method for the sensorless drive control of an electric vehicle, especially an industrial truck, driven by a rotating field motor operated by a power converter, the power converter being supplied by an associated constant voltage source, includes calculating actual values of the flow chain of the rotating field motor and at least one other variable dependant on the actual values from a recorded stator voltage and at least n-1 measured phase flows, and regulating the stator flow of the rotating field drive, which is defined by the phase flows, based upon the actual values.

IPC 1-7

B60L 11/18

IPC 8 full level

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CPC (source: EP US)

B60L 15/025 (2013.01 - EP US); **B60L 15/2045** (2013.01 - EP US); **B60L 50/51** (2019.01 - EP US); **B62B 3/0612** (2013.01 - EP US); B60L 2220/30 (2013.01 - EP US); B62B 5/0033 (2013.01 - EP US); Y02T 10/64 (2013.01 - EP US); Y02T 10/70 (2013.01 - EP US); Y02T 10/72 (2013.01 - EP US)

Citation (search report)

See references of WO 0206076A1

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