

Title (en)

METHOD FOR MANAGING AN ELECTROMAGNETIC MACHINE MAKING IT POSSIBLE TO MODIFY THE LAYOUT OF AN ARMATURE CIRCUIT OF SAID MACHINE

Title (de)

VERFAHREN ZUR VERWALTUNG EINER ELEKTROMAGNETISCHEN MASCHINE ZUR MODIFIZIERUNG DES LAYOUTS EINES ANKERKREISES DIESER MASCHINE

Title (fr)

PROCEDE DE GESTION D'UNE MACHINE ELECTROMAGNETIQUE PERMETTANT LA MODIFICATION DE LA TOPOLOGIE D'UN CIRCUIT D'INDUITS DE LADITE MACHINE

Publication

EP 3095183 A2 20161123 (FR)

Application

EP 15703736 A 20150115

Priority

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- EP 2015050714 W 20150115

Abstract (en)

[origin: WO2015107124A2] The invention relates to a method for managing an electromagnetic machine comprising a first element (1) provided with a plurality of armatures (2) and a second element (3) provided with at least one magnetic element (4), which comprises an operating phase (E1) in which a relative rotation movement between the first and second elements (1, 3) is implemented such as to generate an electric current, in a circuit including at least two armatures (2) of the plurality of armatures, via the interaction of said at least one magnetic element (4) with the armatures (2) of said circuit. The method comprises, in particular during the operating phase (E1), the following steps: a step of determining (E1-1) a physical parameter linked to the routine efficiency of the electromagnetic machine; a step of selecting (E1-2) a wiring diagram from among a plurality of wiring diagrams each having a configuration that can be adopted by the circuit in accordance with the determined physical parameter; a step of coupling armatures (E1-3) of the plurality of armatures (2) such as to make up the circuit according to the selected wiring diagram.

IPC 8 full level

H02P 25/18 (2006.01)

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Citation (search report)

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