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(71) Applicant(s):

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(54) Title (EN): CAGE FOR THE RELATIVE POSITIONING OF MAGNETIC BODIES ON A LAMINATED CORE OF AN ELECTRIC MACHINE

(54) Title (FR): CAGE POUR LE POSITIONNEMENT RELATIF DE CORPS MAGNÉTIQUES SUR UN NOYAU FEUILLETÉ D'UNE MACHINE ÉLECTRIQUE

(54) Title (DE): KÄFIG ZUR RELATIVEN POSITIONIERUNG VON MAGNETKÖRPERN AN EINEM BLECHPAKET EINER ELEKTRISCHEN MASCHINE

(57) Abstract:

(EN): The invention relates to a cage (1) for the relative positioning of magnetic bodies on a laminated core or on a solid material component of an electric machine, having: a hollow-cylindrical main body (2) and at least one holder (3) for a magnetic body (11). The invention further relates to a rotor (10) of an electric machine having a cage (1), and a method for mounting a rotor of an electric machine.

(FR): L'invention concerne une cage (1) pour le positionnement relatif de corps magnétiques sur un noyau feuilleté ou sur une pièce en matériau plein d'une machine électrique, présentant un corps de base (2) en forme de cylindre creux et au moins un logement (3) pour un corps magnétique (11). L'invention concerne en outre un rotor (10) d'une machine électrique comprenant une cage (1) et un procédé de montage d'un rotor d'une machine électrique.

(DE): Die Erfindung betrifft einen Käfig (1) zur relativen Positionierung von Magnetkörpern an einem Blechpaket oder an einem Vollmaterialbauteil einer elektrischen Maschine aufweisend: einen hohlzylinderförmigen Grundkörper (2), und mindestens eine Aufnahme (3) für einen Magnetkörper (11). Ferner betrifft die Erfindung einen Rotor (10) einer elektrischen Maschine mit einem Käfig (1) sowie ein Verfahren zur Montage eines Rotors einer elektrischen Maschine.

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Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America