

Title (en)  
METHOD FOR CONTROLLING AN ELECTROMAGNETIC RETARDER AND SYSTEM INCLUDING A RETARDER AND A CONTROL UNIT

Title (de)  
VERFAHREN ZUR STEUERUNG EINES ELEKTROMAGNETISCHEN RETARDERS UND SYSTEM MIT EINEM RETARDER UND EINER STEUEREINHEIT

Title (fr)  
PROCEDE DE PILOTAGE D'UN RALENTISSEUR ELECTROMAGNETIQUE ET SYSTEME COMPRENANT UN RALENTISSEUR ET UN BOITIER DE PILOTAGE

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Abstract (en)  
[origin: WO2007066004A1] The invention relates to a method for controlling an electromagnetic retarder from a control unit, said retarder including an electrical generator. The inventive method is used to determine an excitation current intensity to be injected into the primary coils of the generator of the retarder, said retarder including a rotary shaft bearing the secondary windings of the generator and field coils which are supplied by the secondary windings. The rotation speed of the rotary shaft is taken into account in order to select a lower intensity if the rotation speed of the shaft is higher. The invention is suitable for use in the field of electromagnetic retarders which are intended for heavy vehicles, such as trucks.

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