

Title (en)  
IGNITION SYSTEM AND METHOD FOR CONTROLLING AN IGNITION SYSTEM FOR AN APPLIED-IGNITION INTERNAL COMBUSTION ENGINE

Title (de)  
ZÜNDSYSTEM UND VERFAHREN ZUM STEUERN EINES ZÜNDSYSTEMS FÜR EINE FREMDGEZÜNDETE BRENNKRAFTMASCHINE

Title (fr)  
SYSTÈME D'ALLUMAGE ET PROCÉDÉ POUR COMMANDER UN SYSTÈME D'ALLUMAGE DESTINÉ À UN MOTEUR À COMBUSTION INTERNE À ALLUMAGE PAR ÉTINCELLE

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Application  
**EP 15730430 A 20150608**

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Abstract (en)  
[origin: WO2016020087A1] The invention relates to an ignition system and to a method for controlling an ignition system for an applied-ignition internal combustion engine, comprising a primary voltage generator for generating an ignition spark and a boost converter for maintaining an ignition spark. The method has the following steps: - transmitting a signal (t3) from a motor controller to the ignition system in order to determine a specified ignition time for triggering an ignition spark, - transmitting another signal (t3) from the motor controller to the ignition system in order to determine another specified ignition time for triggering another ignition spark, and - transmitting a control signal (t1, t2, t4, t5) for influencing the operating mode of the boost converter from the motor controller to the ignition system between the signal (t3) and the other signal (t3).

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