

Title (en)
CHARGING CIRCUIT FOR AN ELECTRICAL ENERGY ACCUMULATOR, ELECTRICAL DRIVE SYSTEM AND METHOD FOR OPERATING A CHARGING CIRCUIT

Title (de)
LADESCHALTUNG FÜR EINEN ELEKTRISCHEN ENERGIESPEICHER, ELEKTRISCHES ANTRIEBSSYSTEM UND VERFAHREN ZUM BETREIBEN EINER LADESCHALTUNG

Title (fr)
CIRCUIT DE CHARGE POUR UN ACCUMULATEUR D'ÉNERGIE ÉLECTRIQUE, SYSTÈME D'ENTRAÎNEMENT ÉLECTRIQUE ET PROCÉDÉ POUR FAIRE FONCTIONNER UN CIRCUIT DE CHARGE

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Application
EP 15749772 A 20150805

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Abstract (en)
[origin: WO2016050392A1] The present invention relates to a charging circuit for an electrical energy accumulator and a method for operating a charging circuit. Common components are used for charging and discharging the electrical energy accumulator. According to the invention, a charging circuit comprises step-up and step-down functionalities and combines them with rectifier and/or inverter functionalities. In this way, a circuit arrangement is created which allows a flexible circuit design with a small number of components.

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Citation (search report)
See references of WO 2016050392A1

Citation (examination)
• US 2009200970 A1 20090813 - KIMURA TOMONORI [JP]
• US 2005218876 A1 20051006 - NINO SHINICHI [JP]
• US 2012032633 A1 20120209 - CORDES RALF [DE], et al

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