

Title (en)

CIRCUIT ARRANGEMENT, METHOD FOR OPERATING THE LATTER AND STARTING APPARATUS

Title (de)

SCHALTUNGSANORDNUNG, VERFAHREN ZUM BETREIBEN DAFÜR UND STARTVORRICHTUNG

Title (fr)

CIRCUIT, PROCÉDÉ PERMETTANT DE FONCTIONNEMENT CORRESPONDANT ET DISPOSITIF DE DÉMARRAGE

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Application

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Abstract (en)

[origin: WO2012110390A1] The invention describes a circuit arrangement (1) for an electrical machine (2), in particular for a starting apparatus having a starter motor (2) for starting an internal combustion engine (15), in a motor vehicle, having a current-limiting apparatus (3) for limiting a starting current of the electrical machine (2), having a bridging apparatus (4) for bridging the current-limiting apparatus (3), wherein the bridging apparatus (4) can be directly connected to a high potential of a voltage source (10). In order to easily implement a stable circuit arrangement and a starting apparatus with a long service life, the bridging apparatus (4) comprises a contact opener and the contact opener is formed in a current path (83), with the result that the contact opener can be directly connected to a control switch (8) of the electrical machine (2).

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