

Title (en)

SERIES RESISTOR ASSEMBLY FOR AN ELECTRIC MOTOR, CIRCUIT ARRANGEMENT COMPRISING A SERIES RESISTOR ASSEMBLY FOR OPERATING AN ELECTRIC MOTOR AND USE OF SAID ASSEMBLY

Title (de)

VORWIDERSTANDSBAUGRUPPE ZUM BETREIBEN EINES ELEKTROMOTORS

Title (fr)

MODULE DE RESISTANCE SERIE POUR MOTEUR ELECTRIQUE, CIRCUIT COMPRENANT UN MODULE DE RESISTANCE SERIE POUR FAIRE FONCTIONNER UN MOTEUR ELECTRIQUE ET UTILISATION D'UN MODULE DE RESISTANCE SERIE

Publication

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Application

**EP 04739266 A 20040519**

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Abstract (en)

[origin: WO2004109902A1] The invention relates to a series resistor assembly (1) for an electric motor (M), in particular for an electrically driven ventilating fan in a vehicle. Said assembly comprises a series resistor (2) for controlling the RPM of the electric motor (M) in one or more RPM stages (ST1, ST2, to STn) and a thermal link (6) that is optionally connected in series to the series resistor, a reversible switching element (4) for at least one of the RPM stages (ST1, ST2) being integrated into said assembly. The invention also relates to a circuit arrangement (14) comprising a reversible blocking protection and fire protection element for the electric motor (M) and/or the series resistor assembly (1), diverse status signalling lines (24a to 24c) being used to evaluate and control the ventilating fan system.

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