

Title (en)

Starter control device for a motor-car type vehicle.

Title (de)

Steuervorrichtung für einen Anlasser eines Kraftfahrzeuges.

Title (fr)

Dispositif de commande d'un démarreur de véhicule automobile.

Publication

**EP 0526307 B1 19950524 (FR)**

Application

**EP 92402112 A 19920722**

Priority

FR 9109295 A 19910723

Abstract (en)

[origin: EP0526307A1] Starter control device for a motor vehicle comprising a starter switch (K) linked to a battery (B) delivering a battery voltage (Ub), a contactor (14) including at least one winding (L) and a power contact (R), closure of which allows the power to be supplied to an electric motor (M), an amplifier (13) intended to deliver a control voltage (Us) of the winding (L), a voltage generator (12) including means for varying the control voltage (Us), put into operation on closing of the starter switch (K), the said means being arranged so as to deliver, on closure of the starter switch (K), a voltage (Uo) which is less than the pull-in voltage (Uc) of the contactor (14) and to increase the control voltage (Us), so as to control the contactor (14) at a minimum necessary voltage (Uc) lower than the battery voltage (Ub), characterised in that the voltage generator comprises especially two resistors (R3,R4) associated with a capacitor (C), the junction of one of the resistors (R3,R4) with the capacitor (C) being linked to the input of the amplifier (13), so as to constitute a voltage ramp generator with positive or negative coefficient. <IMAGE>

IPC 1-7

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IPC 8 full level

**F02N 11/08** (2006.01)

CPC (source: EP)

**F02N 11/087** (2013.01)

Cited by

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